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THE PRESCRIBER'S PHARMACOPŒIA

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THE

PRESCRIBER'S PHARMACOPŒIA:

CONTAINING

ALL THE MEDICINES

IN

The London Pharmacopœia,

ARRANGED IN CLASSES ACCORDING TO THEIR ACTION, WITH THEIR COMPOSITION AND DOSES.

BY A PRACTISING PHYSICIAN.

Altered to correspond with the U. S. Dispensatory.

REVISED AND IMPROVED

BY AN AMERICAN PHYSICIAN.

SECOND AMERICAN FROM THE THIRD LONDON EDITION.

NEW YORK:

SAMUEL S. & WILLIAM WOOD,

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TO

JOHN CONOLLY, M.D.

RESIDENT PHYSICIAN OF THE HANWELL ASYLUM,

In sincere admiration and grateful acknowledgement of his noble and successful efforts to ameliorate the condition of the poor Lunatic, by the substitution of a rational system of moral discipline for mechanical restraint, and parental care and kindness for violence and brute force, this little Work is, on public grounds, inscribed

BY

AUTHOR.

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TO THE THIRD EDITION.

The singular favour shown by the profession to this little work, evinced by the rapid sale of two large editions, makes it especially incumbent on the Editor to lose no opportunity of adding to its unpretending merits.

The present Edition has been carefully revised. Some errors found to exist in the former have been corrected: and several not unimportant additions have been made in various parts of it. It is therefore hoped that, in the condition which it now appears, it will be found still more deserving the patronage of those for whom it is intended.

Dec. 15, 1844.

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TO THE SECOND EDITION.

The very favourable reception which this little work has received from the profession, evinced by the exhaustion of a large impression within the year, has satisfactorily proved the justness of the author's opinion, that it was wanted, and would be useful. It is hoped that the present Edition, improved as it is in several respects, will be found still more completely to fulfil its object. In preparing it for the press, care has been taken to correct and amend some defects which were discovered on a close examination. Numerous additions have been made, and several changes have been adopted in the plan and arrangement, which will render the work still more useful. The principal of these are the following:—

1. The arrangement of the different CLASSES of Medicines in alphabetical order, as well as the individual articles in each class.

2. The separation, under a distinct head, of the external and chirurgical remedies from those for internal use.

3. The addition, in an Appendix, of many useful Tables.

4. The reduction of all the weights and measures (with one or two trifling exceptions) to the same denomination, or at least to the same class of signs, viz, grains, scruples, drachms, ounces, (gr., ℈, ʒ, ℥); the measures of pint and gallon (℧. cong.) being now rendered in ounces.

It has been thought unnecessary to prefix the *f* (*fluid*) to the ℥ and ʒ when representing *measured* quanities, as the omission can lead to no mistake, every one knowing that solids are weighed, and fluids measured.

N.B. In stating the *composition* of medicines, the exact *quanities* given in the Pharmacopœia have not always been retained, but the *proportions* only.

Nov 1, 1842.

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TO THE FIRST EDITION.

As this little work had its origin in a want daily experienced by the compiler in his practice, he believes that it will be useful to a numerous class of practitioners who possess a memory of the same general character as his own. He has always had great difficulty in calling to mind, at will, a number of heterogeneous particulars which had not been originally contemplated in a systematic order, although he might be well acquainted with them individually. This difficulty he has often painfully experienced when attempting to pass in review the various drugs and officinal formulæ suited to fulfil any special indication that presented itself in the treatment of a disease: and he has frequently witnessed, in the practice of others, a barrenness of prescription and a consequent confined range of

resources, originating in the same cause, which could not fail to be injurious to the patient and the reputation of the physician. It is expected that the habit of viewing the articles of the Materia Medica in some such order as that adopted in the present compilation, will tend, in some degree at least to remedy these evils.

It is further believed that practitioners, from forgetfulness of the officinal preparations, are often led to prescribe extemporaneous formulæ while there exist better substitutes in the Pharmacopœia; and it is hoped that the marshalling together all the various compound forms of medicine under the title of the main ingredient, as in these tables, will at once facilitate and simplify the labours of the prescriber.

It is not pretended that the classification of medicines here adopted is even moderately accurate. One perfectly accurate is impossible. All that is intended or hoped for is an arrangement that will allow such a division of the substances as may be at once simple and practically useful. No attempt at scientific refinement in classification has been made. All the older and more common divisions and terms have been retained, as likely to be best understood and best remembered; and no effort has been made

to prevent the repetition of the same medicines in different sections of the classification.

Perhaps in a work of such slight pretensions as this, it is hardly necessary to advert to the sources whence its materials are derived. It may, however, be as well to state that wherever the Pharmacopœia and his own knowledge failed him, the author confidently turned to the inexhaustible store provided in Dr. Pereira's Elements of Materia Medica. In minor matters he has also benefited by the excellent compendium of Dr. Lane.

It will, perhaps, be remarked that the doses of medicines are, in many instances, below the usual standard—at least in their minor term. This is not unintentional; as the author is of opinion that the general habit of practitioners in this country is to prescribe medicines in doses not merely unnecessarily but injuriously large.

May, 1841.

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TO THE

SECOND AMERICAN EDITION.

THE present edition, from the third London, has been carefully compared with the 6th edition of the U. S. Dispensatory by Wood and Bache, and the formulæ altered to correspond with those given in it. In some instances the formulæ of the London Dispensatory have been retained, where new ones have not been ordered in our standard. The *uses* of medicines have been introduced to supply what appeared a defect in the London edition.

AMERICAN EDITOR.

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WEIGHTS AND MEASURES

USED IN MEDICINE.

WEIGHTS.

Pound.	Ounce.	Drachm.	Scruple.	Grain.
1 =	12 =	96 =	288 =	5760
	1 =	8 =	24 =	480
		1 =	3 =	60
			1 =	20

MEASURES.

Gall.	Pint.	Ounce.	Drachm.	Minim.	Imp. grains.
1 =	8 =	160 =	1280 =	76800 =	70000
	1 =	20 =	160 =	9600 =	8750
		1 =	8 =	480 =	437·5
			1 =	60 =	54·7
				1 =	0·91

MEASURES, U. S. AND DUB.

The foregoing table of Measures (the Imperial) is used by the London and Edinburgh Colleges. The U. S. and Dublin adopt the following.

	Gall.	Pints.	f oz.	f drachms.	Minims.
Cong.	1 =	8 =	128 =	1024 =	61440
O.		1 =	16 =	128 =	7680
f℥			1 =	8 =	480
f℥				1 =	♏60

DOMESTIC MEASURES.

A Teacup	is estimated	to contain	f℥ iv.
A Wineglass	"	"	f℥ ij.
A Tablespoon	"	"	f℥ ss.
A Teaspoon	"	"	f℥ j.

THE

Prescriber's Pharmacopœia.

PART I.

Acids. (*Antalkalines.*)

ACIDUM CITRICUM. (REFRIGERANTS.)

ACIDUM HYDROCHLORICUM DILUTUM. (TONICS.)

ACIDUM NITRICUM DILUTUM. (TONICS.)

ACIDUM SULPHURICUM DILUTUM. (TONICS.)

ACIDUM TARTARICUM. (REFRIGERANTS.)

Alkaline Remedies. (*Antacids.*)

Use. To correct excess of acidity in primæ viæ. To correct acidity in urine.

AMMONIA.

1. Liquor Ammoniæ. (Aqua Ammoniæ.) (Stimulants.)

Dose. ♏v–xx, (in watery vehicles.)

2. Ammoniæ Sesquicarbonas. (Olim A. Subcarbonas.)

Dose. Gr. ij–x, in pill or liquid. (Stimulants.)

Liquor Ammoniæ Sesquicarbonatis.

Comp. Am. sesquicarb. ℥ iv, water f ℥ xx. (Stimulants.)

Dose. f ʒ ss–j.

a. Spiritus Ammoniæ.
b. Spiritus Ammoniæ Aromaticus.
c. Spiritus Ammoniæ Fœtidus.
} Stimulants. Antispasmodics.

CALX. (Calx recens. Rarely used in medicine.)

1. Liquor Calcis. (Lime water.)

Comp. A saturated solution. 11½ grs. in the pint of water at 60°.

Dose. f ℥ ij–vj, (with milk.)

2. Creta Præparata. (Chalk purified by water.)

Dose. Gr. x– ʒ j.

3. Pulvis Cretæ compositus.

Comp. 12 chalk, 8 cinnamon, 6 tormentil, 6 acacia, 1 long pepper.

Dose. Gr. x–xx.

Use. In diarrhœa with acidity and without inflammatory symptoms.

4. Pulvis Cretæ compositus cum Opio.

Comp. 39 pulv. cret. comp. (No. 3,) 1 opium.

Dose. Gr. v–ʒss. (¼ gr. opium in gr. x.)
Use. Same as above, but more efficacious.

5. Mistura Cretæ.
Comp. Chalk ℥ss, sugar ʒij, gum arabic ʒij, cinnamon water and water āā f℥iv.
Dose. f℥ss–ij.

6. Testæ Præparatæ. (Prepared oyster shells.)
Dose. Gr. x–ʒj.

CONFECTIO AROMATICA. (See Aromatics.)

MAGNESIA.

1. Magnesiæ Carbonas. (Olim Subcarbonas. Magnesia alba.) (Purgatives.)

2. Magnesia. (M. usta. Calcined M.)
Dose. Gr. v–xx (in aromatic water or milk.) Better as antacid than No. 1. (Purgatives.)
Use. As an antacid in dyspepsia, sick headache, gout. For children. For excess of uric acid.

POTASSA.

1. Liquor Potassæ.
Comp. Carb. potassæ ℔j, lime ℔ss, water 1 gall.
Use. In lepra, psoriasis and other cutaneous disorders. To correct acid state of urine.
Dose. ♏x–xxx. (In infus. aurant., beer, broth.)

[Brandish's Alkaline Solution, is made by adding to a gallon of boiling water, pearlashes, ℥xij, quicklime and woodashes, of each ℥iv. It was given by the inventor in doses of ʒj to ʒiij in beer twice a-day.]

2. Potassæ Carbonas. (Potassæ subcarb.)
Dose. Gr. v–x–xxx.

3. Potassæ Bicarbonas. (Potassæ carb.)
Dose. Gr. v–x–xxx.

4. Liquor Potassæ Carbonatis.
Comp. Carb. pot. ℔j, water f℥xij.
Dose. ♏x–ʒj.

5. Liquor Potassæ effervescens.
Comp. Bicarb. pot. ʒj, water f℥xx, carb. acid, q. s.
Dose. f℥iv, ad libitum.

SAPO. (Hard Soap. Soda and olive oil.)
Dose. Gr. v–xx (chiefly in combination.)

SODA.
Use. To correct too acid urine.

1. Sodæ Carbonas. (Olim Sodæ Subcarb.)
Dose. Gr. v–xxx.

2. Sodæ Carbonas Exsiccata. (Deprived of water of crystallization.)
Dose. Gr. iij–xv.

3. Sodæ Sesquicarbonas. (Ol. Sodæ Carb.)
Dose. Gr. x–ʒj.

4. Liquor Sodæ effervescens. (Soda water.)
Comp. Sesquicarb sod. ʒj, water f℥xx, carbonic acid q. s.
Dose. f℥iv, or ad libitum. (Better made by adding carb. sodæ (ʒj to f℥xx) to the common bottle soda water.

Alteratives. Deobstruents.

ANTIMONIUM? See EMETICS and DIAPHORETICS.)

ARSENICUM. (See TONICS.)

BARII CHLORIDUM. (Muriate of baryta.)

1. LIQUOR BARII CHLORIDI.
Comp. Bar. chlor. ℥ j, water f ℥ iij.
Dose. ♏ v.
Use. In scrofula, cancer, painful ulcers, cutaneous eruptions.

BROMINIUM. (Bromine.)
Dose and Form. Gr. 1-16 to gr. ss, dissolved in water. (Rarely used.)

1. POTASSII BROMIDUM.
Dose. Gr. j–x, in pill or solution.
Use. In scrofulous tumours, bronchocele.

CALCII CHLORIDUM. (Muriate of Lime.) (See TONICS.)

1. LIQUOR CALCII CHLORIDI.
Comp. Marble in fragments ℥ ix, acid hydrochl. Oj, aq. distill. q. s.
Dose. f ʒ ss–f ʒ j.
Use. Tabes mesenterica, scrofulous affections.

GUAIACUM. (See DIAPHORETICS.)
Use. Secondary syphilis, cutaneous eruptions.

HYDRARGYRUM. (Mercury.) (See PURGATIVES.)

1. HYDRARGYRUM CUM CRETÂ.
Comp. 3 mercury, 5 chalk

Dose. Gr. ij–v.
Use. Principally for children: in deficient biliary secretion.

2. Pilulæ Hydrargyri.
Comp. Mercury ʒj, confect. roses ℥iss, liquorice ℥ss.
Dose. Gr. j–v.
Use. A mild mercurial.

3. Hydrargyri Oxydum.
Dose. Gr. ss–iij. (Rarely used.)

4. Hydrargyri Chloridum. (Submurias. Calomel.)
Dose. Gr. $\frac{1}{4}$–j.

5. Pilulæ Hydrargyri Chloridi Compositæ. (Plummer's Pill.)
Comp. 1 calomel, 1 sulphuret of antimony, 1 treacle, 2 guaiacum, (1 gr. calomel in v.)
Dose. Gr. iij–v–x.
Use. Chronic rheumatism. Scaly eruptive diseases.

6. Hydrargyri Bichloridum. (Oxymurias. Corrosive sublimate.)
Dose. Gr. $\frac{1}{16}$–$\frac{1}{8}$.
Use. Secondary syphilis, cutaneous diseases.

7. Liquor Hydrargyri Bichloridi.
Comp. Bichlor. of merc., hydrochlorate of ammonia, āā gr. x; water f℥xx.
Dose. ʒss–ij in mild liquids, e. g. linseed tea. (Gr. ss. of hyd. bi. in ʒj, gr. 1-16 in ʒj.)

8. Hydrargyri Iodidum.
Comp. Mercury ℥j, iodine ʒv, alcohol q. s.

Dose. Gr. j–iij.
Use. In scrofula and scrofulous syphilis.

9. Hydrargyri Biniodidum. (More energetic than No. 8.)
Comp. Cor. sub. ℥i, iod. pot. ʒx, aq. dist. Oij.
Dose. Gr. 1-16 – ¼.
Use. Same as above.

10. Pilulæ Hydrargyri Iodidi.
Comp. 1 iodide of mercury, 1 ginger, 3 confection of rose. (1 gr. of iod. of merc. in gr. v.)
Dose. Gr. v–x.

11. Hydrargyri Bisulphuretum. (Cinnabar. Red sulphuret.)
Dose. (Rarely used internally.) For fumigation, ʒss.

12. Hydrargyri Sulphuretum cum Sulphure. (Black sulph., Æthiops mineral.)
Dose. Gr. v–xx.

13. Unguentum Hydrargyri fortius. (See Part II.

14. Unguentum Hydrargyri mitius. (See Part II.)

15. Ceratum Hydrargyri compositum. (See Part II.)

16. Linimentum Hydrargyri compositum. (See Part II.)

17. Emplastrum Hydrargyri. (See Part II.)

18. Emplastrum Ammoniaci cum Hydrargyro. (See Part II.)

19. Unguentum Hydrargyri Nitratis. (See Part II.)

20. Unguentum Hydrargyri Nitrico-oxydi. (See Part II.)

21. Unguentum Hydrargyri Iodidi. (See Part II.)

22. Unguentum Hydrargyri Biniodidi. (See Part II.

IODINIUM. (Iodine.)

Dose. Gr. ss–ij, in pills—for immediate use. (Rarely used in substance.)

1. Tinctura Iodinii composita.

Comp. Iod. ℥ ss, iod. of pot. ℥ j, alc. Oj.

Dose. ♏v–ʒj, (dilute when used.)

Use. Mostly externally. Erysipelas, chilblains.

2. Iodidum Hydrargyri. (See Hydrarg.)

3. Biniodidum Hydrargyri. (See Hydrargyrum.)

4. Potassii Iodidum. (Hydriodas Potassæ.)

Dose. Gr. j–v–x–℈j.

Use. Scrofula, syphilitic rheumatism, strumous ophthalmia, secondary syphilis.

5. Liquor Potassii Iodidi compositus.

Comp. Iod. of potassium ℥ iss, iodine ʒ vj, water Oj.

Dose. ♏vj, containing iodine gr. ¼.

6. Plumbi Iodidum.

Dose. Gr. ¼–ij.

Use. For discussion of scrofulous tumours.

7. Unguentum Plumbi Iodidi. (See Part II.)

8. Unguentum Iodinii compositum. (See Part II.)

9. Unguentum Hydrargyri Iodidi. (See Part II.)

10. Unguentum Hydrargyri Biniodidi. (See Part II.)

11. Ferri Iodidum. (Iodide of iron.)

Dose. Gr. ij–x, in distilled water, or thick colourless syrup.

SARZA. (Smilax officinalis. Sarsaparilla. The root.)

Dose. ℥ss–ij, in powder.

1. Decoctum Sarzæ.

Comp. Sarza ℥ ijss, water ℥ xl, boil to ℥ xx.

Dose. f ℥ iv–viij. (Usually with extract or syrup.)

2. Decoctum Sarzæ compositum. (Lisbon diet drink.)

Comp. Sarsap. ℥ vj, sassaf. guaiacum and liquorice each ℥ j, mezereon ʒiij, aq. Oiv.

Dose. f ℥ iv–f ℥ vj, ter in die.

Use. In secondary syphilis.

3. Syrupus Sarzæ.

Comp. Decoct. sarzæ and sugar.

Dose. f ʒiij–℥ j. (Of feeble power.)

4. Extractum Sarzæ. The watery extract.

Dose. ℈j–ʒij. (Rubbed down with water, flavoured with tinct. aurant. or volatile oil:—also made into pills.)

5. Syr. Sarsap. Comp. U. S.

Comp. Sarsap. ℔ij, guaiac. ℥ iij, rose leaves, senna and liquorice root, each ℥ ij, ol. sassaf. and anisi, each ♏v, ol. gaulth. ♏iij, dil. alcohol Ox, sugar ℔viij.

Dose. f ℥ ss.

Use. In syphilis, cutaneous eruptions, scrofula.

Anthelmintics.

ASPIDIUM. (Filix mas. The male Fern. The root.)

Dose. ʒ j–iij, in powder.

[NOTE.—Nouffleur's plan:—ʒ iij in water ℥ iv; after six hours, a bolus of calomel (gr. x), scammony and Gamboge.]

Use. In cases of tænia.

GRANATUM. (Punica granatum. Pomegranate. Bark of the *Root.*)

Dose. Decoction (℥ j of fresh root in water f ℥ xx, boil to f ℥ x) f ℥ ij every half hour.

Use. Same as preceding.

MUCUNA. (Dolichus pruriens. Cowhage. Hairs of the pod.)

Dose. Gr. v–x in syrup, treacle, or honey.

Use. In cases of lumbrici.

OLEUM TEREBINTHINÆ. (See DIURETICS.)

Dose and Form. f ℥ ss–ij, *on* aromatic water, with hot tincture, (e. g. Tinct. caps. or cinn. or card. c.); or as emulsion or linctus.

Use. In cases of tænia, lumbrici.

[NOTE.—GEOFFROYA. (G. inermis. The bark. —*Dub.*)

Dose. Powder ℈ j–ʒ ss.

1. *Decoctum Geoffroyæ.*

Comp. Geoff. ℥ ss, water f ℥ xx, boil to f ℥ x.

Dose. f ℥ ss–ij.]

Use. For lumbrici.

SPIGELIA. (S. Marilandica. Indian pink. The root.)
Dose. Powder gr. x–xx, ʒj–iij, night and morning. Infusion (℥ss in Oj.) f℥ss–j, f℥iv–vj.
Use. For lumbrici and general use.

STANNUM. (Common tin.)
Dose. ʒj–ij–℥j, in treacle.
Use. For lumbrici.

From other Classes.

ANTACIDS.
- Carb. sodæ.
- Liquor calcis.
- Liquor potassæ.

PURGATIVES.
- Aloes.
- Calomel.
- Cambogia.
- Colocynthis.
- Jalapa.
- Scammonium.
- Tiglii oleum.

TONICS.
- Bitters.
- Steel.

Antispasmodics.

ÆTHER SULPHURICUS. (See STIMULANTS.)

ACIDUM HYDROCYANICUM. (See NARCOTICS.)

AMMONIACUM. (Gum resin of Dorema A.)
Form and Dose. Gr. v–x–ʒss, in pill or emulsion. (EXPECTORANTS.)

1. MISTURA AMMONIACI. (Lac ammoniaci.)
Comp. Ammoniacum ʒij, water Oss.
Dose. f℥ ss–j.

2. EMPLASTRUM AMMONIACI. (See PART II.)

3. EMPLASTRUM AMMONIACI CUM HYDRARGYRO. (See PART II.)

ASSAFÆTIDA. (Gum resin of Ferula A.)
Dose and Form. Gr. v–℈j. in pill, or emulsion; ʒij in ℥xx of water, as enema.
Use. In hysteria, tympanitic distension, tetanus. Externally in pertussis, as a plaster.

1. MISTURA ASSAFÆTIDÆ.
Comp. Assafætida ʒij, water Oss.
Dose. f℥ ss–ij (or as *enema* for children.)

2. TINCTURA ASSAFÆTIDA.
Comp. Ass. ℥iv, alc. Oij.
Dose. ʒ ss–ij.

3. PILULÆ GALBANI COMPOSITÆ. (GALBANUM.)
Comp. Assafætida ℥ss, galbanum ℥iss, myrrh ℥iss, syrup, q. s.
Dose. Gr. x–℈j.

4. SPIRITUS AMMONIÆ FÆTIDUS.
Comp. Spiritus ammoniæ and assafætida.
Dose. fʒ ss–j (and extemporaneous with sp. ammon. and tinct. ass.)

BENZOINUM. (Styrax B. The Balsam.) (EXPECTORANTS. STIMULANTS.)
Dose. Gr. x. (Rarely used.)

1. TINCTURA BENZOINI COMPOSITA.
Comp. Benzoin ℥ iij, storax ℥ ij, tolu ℥ j, aloes ℥ ss, alc. Oij.
Dose. f ʒ ss–ij. (Externally—*Friar's Balsam.*)

2. ACIDUM BENZOICUM.
Dose. Gr. v–xx, in powder with gum or sugar.

CAJAPUTI. (See STIMULANTS.)

CAMPHORA. (See NARCOTICS.)

CARDAMINE. (C. Pratensis. The Cuckoo-flower.)
Dose. ʒ j–iij of the dried flowers. (Rarely used.)

CASTOREUM. (Preputial secretion of the beaver.)
Form and Dose. Gr. v–xx, in pill, powder, or mixture.

1. TINCTURA CASTOREI.
Comp. Castor ℥ ij, alcohol Oij.
Dose. f ʒ ss–ij.

CROCUS. (C. Sativus. Saffron. The dried stigmata.)
Dose and Form. Gr. x–ʒ ss, in pill or powder. (Ineffective.)

1. SYRUPUS CROCI.
Comp. Saffron ʒ v, sugar ℥ xviij, water f ℥ x.
Dose. f ʒ j–ij, chiefly for colouring.

CUPRI AMMONIO-SULPHAS. (See TONICS.)

GALBANUM. (Gum resin of G. Officinale.)
Dose and Form. Gr. v–x–ʒ ss, in pill or emulsion.

1. PILULÆ GALBANI COMPOSITÆ.

Comp. Assafætida ℥ss, galbanum ℥iss, myrrh, ℥iss, syrup q. s.
Dose. Gr. x–ʒj.

2. Emplastrum Galbani. See Part II.

MASTICHE. (Pistacia Lentiscus. The resin. Gum Mastic.) (Diuretics. Expectorants.)
Dose. Gr. v–x. [Also to divide more active medicines, as aloes in the "Pilulæ ante cibum" of the Parisian Codex.] (See Aloes Ext.)

MOSCHUS. (Preputial secretion of the musk animal.)
Dose and Form. Gr. v–xv, in pill, bolus, or emulsion.
Use. Hiccough, epilepsy, asthma, pertussis, palpitation.

1. Mistura Moschi.
Comp. Musk, gum, sugar, āā ʒiij, rose water, f℥xx.
Dose. f℥j–iss, (f℥j contains gr. ix.)

[Moschus Factitius. (Artificial Musk.)
Comp. Acid. nit. fort. ʒiiiss, ol. Succini ʒj.
Form. Tincture: Mosch. fact. ʒj, spir. rect. ʒx.
Dose. ʒj.]

OLIBANUM? (Gum resin of Boswellia thurifera. Frankincense.)
Dose. Gr. x–ʒss, in emulsion, with yolk of egg.

OPOPONAX. (Gum res. of O. Chironium.)
Dose. Gr. x–ʒss, in emulsion. (Rarely used.)

PETROLEUM? (Barbadoes tar.) (Expectorants.)

Dose. ♏x–ʒss, on sugar, in emulsion, or with aromatic waters.

SAGAPENUM. (Gum resin of Ferula S.)
Dose and Form. Gr. v–℈j, in pill.

1. PILULÆ GALBANI COMPOSITÆ. (See GALBANUM.)

2. PILULÆ SAGAPENI COMPOSITÆ.
Comp. 16 sagapenum, 1 aloes, syrup of ginger, q. s.
Dose. Gr. v–x–xx (17 grs. contain 1 of aloes.)

STYRAX. (See EXPECTORANTS.)

SUCCINUM. (AMBER.)

1. OLEUM SUCCINI.
Dose. ♏v–x in mucilaginous fluids.

VALERIANA. (Root of V. officinalis.)
Dose. ℈j–ʒss, in powder.
Use. Hysteria, hemicrania, pervigilium, low fevers.

1. TINCTURA VALERIANÆ.
Comp. Valerian ℥iv, dil. alc. Oij.
Dose. fʒss–ij.

2. TINCTURA VALERIANÆ COMPOSITA.
Comp. Valerian ℥iv, aromat. sp. of ammonia, Oij.
Dose. fʒj–ij. in sweetened water or milk.
Use. In Hysteria.

ZINCI OXIDUM. (See TONICS.)

Aromatics. Aromatic Stimulants.

CANELLA. (C. alba. Wild Cinnamon. The Bark.)
Form and Dose. Powder gr. x–ʒss—used chiefly in the preparation of other formulæ.

CAPSICUM. (C. annuum. Cayenne Pepper. The berry.)

Form and Dose. Powder (in pills with bread crumb) gr. v–x; infusion (caps. ʒ ij, water f ℥ x,) f ℥ ss–j; gargle, with water or vinegar.
Use. In malignant sore throat.

1. Tinctura Capsici.
Comp. Caps. ℥ i, dil. alc. Oij.
Dose. f ʒ j– ʒ ij. As gargle ʒ j, infus. rosæ ℥ vj.
Use. In malignant scarlatina, typhus, locally to relaxed uvula.

CARDAMOMUM. (Alpinia C. The seeds.)
Form and Dose. Gr. v– ℈ j in powder. (Rarely used alone, but much in composition.)

1. Tinctura Cardamomi.
Comp. Card. ℥ iv, dil. alc. Oij.
Dose. f ʒ j–ij, chiefly as an adjunct.

2. Tinctura Cardamomi composita.
Comp. Card. and carui seeds, of each ʒ iiss, cochineal ʒ j, cinnamon ʒ v, raisins ℥ v, proof sp. f ℥ xl.
Dose. ʒ j–ij.

CARYOPHYLLUS. (C. Aromaticus. The Clove Tree, The unripe flowers.)
Dose. Gr. v–x in powder. (Little used.)
Use. To allay nausea. To correct flatulence. To excite languid digestion.

1. Infusum Caryophilli.
Comp. Cloves ʒ ii, water Oi.
Dose. ℥ j–ij. Combined with other med.
Incomp. Salts of iron and zinc, lime water.

2. Oleum Caryophilli.
Dose. ♏ j–iij, with pills.

CINNAMOMUM. (Laurus. C. Cinnamon. The bark.)

Dose. Gr. x–ʒ ss in powder.

Use. To allay nausea, to remove flatulence.

1. Pulvis Cinnamomi compositus.

Comp. 2 cinnamon, 1 cardamoms, 2 ginger, nutmeg grated 1 part.

Dose. Gr. x–ʒ ss. As a corrigent.

2. Aqua Cinnamomi.

Comp. From the oil, or distilled from the bark.

Dose. Ad libitum, as a vehicle.

3. Tinctura Cinnamomi.

Comp. Cinn. ℥ iii, dil. alc. Oij.

Dose. f ʒ j–℥ ss.

4. Tinctura Cinnamomi composita.

Comp. Cinn. ℥ j, cardam. ℥ ss, ginger ʒ iij, dil. alc. Oij.

Dose. f ʒ j–ij. Used as the last.

5. Oleum Cinnamomi.

Dose. ♏ j–iij, as an adjuvant and corrigent.

6. Spiritus Cinnamomi.

Comp. Oil of cinn. ʒ ij, proof spir. 1 gal., water f ℥ xx, distil to 1 gall.

Dose. ʒ j–iij.

CONFECTIO AROMATICA.

Comp. Pulv. aromat. ℥ vss, saffron ℥ ss, syr. aurant ℥ vj, mel. desp. ℥ ij.

Dose. Grs. x–ʒ j,

(Pulv. aromat. is composed cinnam. and ginger, each ℥ ij, cardam. and nutmeg each ℥ j.

CONTRAJERVA. (Dorstenia C. The root.)

Form and Dose. Powder ℈j–ʒss; infus. (Contr. ʒiij, water ℥vj) ℥j–ij. (Rarely used.)

CUBEBA. (Piper Cubeba. The berries.)
Dose. Powdered—Gr. v–x–ʒij.
Use. As a stomachic in disorders of digestive organs.

1. Tinctura Cubebæ.
Comp. Cubebs ℥iv, dil. alc. Oij.
Dose. fʒj–ii.
Use. In advanced stage of gonorrhœa.

INULA. (I. Helenum. Elecampane. The root.)
Form and Dose. Powder ℈j–ʒij; decoction (℥ss, water f℥xx,) f℥j–ij.

MYRISTICA. (Nutmeg. The nut of the Myristica Moschata, and the Arillus, Mace.)
Dose. Gr. x–ʒss.

1. Oleum Myristicæ. (See Part II.)
Dose. ♏ij–vj. (Externally stimulant.)
2. Spiritus Myristicæ.
Comp. Nutmegs ℥ii, dil. alc. 1 gall., water Oj, distil to 1 gall.
Dose. fʒj–ʒij.

PIMENTA. (Myrtus P. Allspice. The unripe berries.)
Dose. Powder, gr. x–ʒj.
Use. In cases of flatulence.

1. Oleum Pimentæ.
Dose. ♏ij–vj.
2. Spiritus Pimentæ.
Comp. Pimenta ℥ii, dil. alc. 1 gall., water Oj, distil to 1 gall.

Dose. f ʒj–ij.

3. Aqua Pimentæ.

Comp. Pimenta ℔j, or ol. pimenta, ʒij, dil. alc. f ℥ vij, water 2 galls. distil to 1 gall.

Dose. f ℥ j–ij. (A vehicle and flavourer.)

PIPER LONGUM. (Long Pepper. The unripe spadix.

Dose. Gr. v–℈j. (A condiment.)

PIPER NIGRUM. (Black Pepper.)

Dose. Gr. v–℈j. In powder or pills.

Use. In flatulence or debility of stomach.

1. Confectio Piperis Nigri. (Ward's Paste.)

Comp. Pip. nig., inula (elecampane) āā ℥ iv. fœnic. sem. ℥ xij, mell. et sacch. āā ℥ viij.

Use. In piles unattended with inflammation.

SINAPIS. (S. nigra. The seed.) (Emetics.)

Form and Dose. Mustard whey (bruised seeds or powder ℥ ss, milk ℥ xx–strain) ℥ iv.

1. Cataplasma Sinapis. (See Part II.)

ZINZIBER. (The rizoma or root.)

Dose. Powder gr. v–x–℈j; infusion (ginger tea—Ginger ʒ ij–℥ ss, water f ℥ vj), f ℥ ss–j.

Use. In dyspepsia. The state of alimentary canal attending atonic gout.

1. Tinctura Zinziberis.

Comp. Ginger ℥ viij, alc. Oij.

Dose. ʒ j–ij.

2. Syrupus Zinziberis.

Comp. Tinc. Zinzib. f ℥ iv, syrp. Cong. j.

[Extractum Zinziberis. (Non-officinal.)

Dose. Gr. ss–iij.]

Aromatic Bitters. Stimulant Bitters.

ABSINTHIUM. (Artemisia A. Wormwood. The flowering summits.)

Dose and Form, Powder ℈j–ʒj; infusion (℥j in ℥xx water) ℥ss–ij; extract (Dub.) gr. x.–℈j.

Incomp. Sulphates of iron and zinc.

[Oleum Absinthii. (Not officinal.)
Dose. ♏j–v.]

Use. In debilitated states of the digestive organs.

ACORUS. (A. calamus. Sweet Flag. The root.)

Dose and Form. Powder ℈j–ʒj; infusion (Acor. ℥j, water f℥xx) f℥j–ij, joined with other tonics.

Use. In uneasiness from flatulence.

ANTHEMIS. (A. nobilis. Chamomile flowers.)

Dose and Form. Powder, gr. x–ʒss, (seldom used); extract (Ed. Dub. watery) gr. v–x–℈j.

Use. Remission of fever.

1. Infusum Anthemidis.

Comp. Chamomile ℥ss, boiling water Oj.

Dose. f℥j–ij.

Incomp. Iron, bichlor. hydr., infus. cinch., isinglass.

Use. In enfeebled digestion; general debility.

2. Oleum Anthemidis.

Dose. ♏j–v. (Stimulant. Antispasmodic.)

AURANTII CORTEX. (Citrus vulgaris. Bitter Orange. The peel.)

Dose. Powder gr. x–ʒss. (Rarely used.)

1. Infusum Aurantii compositum.

Comp. Orange peel ℥ss, lemon peel (fresh) ʒij; cloves ʒj, water f ℥ xx.

Dose. f ℥ j–ij.

Incomp. Sulph. ferr., infus. cinch. cord., lime water.

2. Tinctura Aurantii.

Comp. Orange peel ℥ iiiss, proof spirit f ℥ xl.

Dose. f ʒ j–iij.

3. Confectio Aurantii.

Comp. Orange peel ℔j, sugar ℔iij.

Dose. ʒj–ss, and as a vehicle for powders ; e. g. ferr. sesquioxyd, &c.

4. Syrupus Aurantii.

Comp. Or. peel ℥ ii, sugar ℔ijss. boiling water Oj.

Dose. ʒj–iij. Chiefly to flavour saline and stomachic draughts.

5. Aqua Florum Aurantii.

Comp. Or. flowers ℥ xxx, spir. rect. f ʒxiv, water ½ gall. For flavour, and as a vehicle only.

6. Oleum Aurantii.

Dose. ♏v–x. Stimulant. For flavour.

AURANTIUM. (Citrus A. Sweet orange. The peel.)

Form and Dose. Powder gr. x–ʒss. Infusion as a substitute for the bitter orange.

CASCARILLA. (Croton C. The bark.)

Dose. Powder gr. x–ʒss.

Use. In flatulent colic, dyspepsia, chronic diarrhœa.

1. Infusum Cascarillæ.
Comp. Casc. ℥ i, water Oj.
Dose. f ℥ j–ij.
2. Tinctura Cascarillæ.
Comp. Casc. ℥ iiss, proof sp. f ℥ xx.
Dose. f ʒj–ij.
3. Mistura Cascarillæ compositæ.
Comp. Infus. casc. (No. 1) f ℥ viiiss, tinct. camph. c. f ℥ j, acet. scillæ f ℥ ss.
Dose. f ℥ j–iss. (Expectorants.)

CUSPARIA. (Angustura Bark.)
Dose. Powder gr. x–ʒss. (Rarely used.)
1. Infusum Cuspariæ.
Comp. Cusp. ʒv, water f ℥ xx.
Dose. ℥ j–ij (with tinct. cinn. added).

LIMONES. (Citrus Limonum. Lemon. The fruit.
1. Limonum Cortex. (Lemon peel.)
Form and Dose. Powder gr. x– ℈ j. (Rarely used except in other preparations, q. v.)
2. Oleum Limonum.
Dose. ♏j–v.

LUPULUS. (Humulus L. The Hop. The dried strobiles.)
Form. In substance as a pillow. The Lupulinic grains or yellow powder. And—
1. Infusum Lupuli.
Comp. Hops ℥ ss, water Oj.
Dose. f ℥ j–ij.
Incomp. Acids, alkalies, sulph. ferr., tart. emet., alcohol.

2. TINCTURA LUPULI.
Comp. Hops ℥ v, dil. alc. Oij.
Dose. f ʒ ss–ij.

3. EXTRACTUM LUPULI. (A watery extract.)
Dose. Gr. v–℈ j.

[NOTE. *Lupulina.* Yellow powder. (Not officinal.)
Dose and Form. Powder or pills gr. vj–xij.
a. Tinctura Lupulinæ.
Comp. Lupulinic grains ℥ iv, spirit Oij.
Dose. f ʒ ss–ij.]
Use. In delirium and wakefulness of drunkards.

Astringents.

ACIDUM SULPHURICUM DILUTUM.
(See TONICS, REFRIGERANTS.)
Use. In colliquative sweats, passive hemorrhage, diarrhœa.

ACIDUM ACETICUM. (REFRIGERANTS.)

ALUMEN. (Alum, sulphate of alumina and potassa.
Dose. Gr. v–℈ j.
Form. Solution (in aromatic water: an oz. of water dissolves ℥ ss), pill, powder.

[NOTE. Alum whey: boil powdered alum ʒ ij in a pint of milk, and strain.
Dose. A wine-glassful.]
Incomp. Alkalies and their carbonates, tartrate of potash, vegetable astringents.

Use. In hemorrhages; as a gargle, as a collyrium.

1. ALUMEN EXSICCATUM. (Dried alum.)
Dose. Gr. v–x.
Form. Solution, pill.
Use. As an escharotic to fungous ulcers.

2. LIQUOR ALUMINIS COMPOSITUS.
(See PART II.)

ARGENTI NITRAS. (See TONICS.)

BORAX. (Sodæ Biboras.)
Dose. ℈j- ʒ ss.
(Rarely used internally.)

1. MEL BORACIS.
Comp. Borax ʒ j, honey f ℥ j.
Form. As a gargle, diluted,
Use. For aphthæ of children.

CATECHU. (Acacia Catechu. Extract of the wood.)
Dose. Gr. x– ℈ j.
Form. Powder, mixture (with syrup and gum), bolus.
Use. Diarrhœa, uterine hemorrhage, relaxed uvula, spongy gums, indolent ulcers, leucorrhœa, gonorrhœa, epistaxis.
Incomp. Alkaline salts destroy its astringency.

1. INFUSUM CATECHU COMPOSITUM.
Comp. Catechu ℥ ss, cinnamon ʒ j, water O j.
Dose. f ℥ j–ij.

2. TINCTURA CATECHU.
Comp. Catechu ʒ iii, cinnamon ℥ ii, dil. alc. O ij.
Dose. f ʒ j–ij in chalk mixture, or other liquids.

CINCHONA. (See TONICS.)

CUPRUM.

1. CUPRI SULPHAS.

Dose and Form. Gr. $\frac{1}{8}$–$\frac{1}{4}$–ss–ij (combined with opium.)

Use. In chronic diarrhœa, ill-conditioned ulcers, collyrium in chronic opthalmia.

FERRUM. (See TONICS.)

Use. In debility from inordinate discharges.

1. FERRI SULPHAS.

2. MISTURA FERRI COMPOSITA.

3. PILULÆ FERRI COMPOSITÆ.

4. TINCTURA FERRI SESQUICHLORIDI.

Use. In gleet, passive hemorrhages.

GALLÆ. (Oak Galls. Gemmæ Morbidæ.)

Form and Dose. Powder gr. x–xx. Infusion (galls f ℥ ss, boiling water f ℥ vj) f ℥ ss–iss.

Use. In chronic diarrhœa, as a gargle in relaxed uvula.

1. TINCTURA GALLÆ.

Comp. Galls ℥ iv, dil. alc. Oij.

Dose. f ʒss–ij in fluids, as gargle; or lotion, diluted with water.

Incomp. Metallic salts, cinchona.

2. UNGUENTUM GALLÆ COMPOSITUM. (See PART II.)

Use. In hemorrhoids.

GRANATUM. (Punica G. Pomegranate. Rind of the fruit.)

Dose and Form. Powder ʒss–j.

1. DECOCTUM GRANATI.

Comp. Granat. ℥ ij, water f ℥ xxx (to f ℥ xx.)
Dose. f ℥ iss–ij.
(Bark of the Root ANTHELMINTIC, q. v.)

HÆMATOXYLUM. (H. Campechianum. Logwood.)

1. EXTRACTUM HÆMATOXYLI.
Dose. Gr. x–ʒss.
Form. Pill, mixture, with carminative waters.

[DECOCTUM HÆMATOXYLI—Edinb.
Comp. Logwood ℥ i, water Oij.
Dose. f ℥ j–ij. (For children f ʒij– ℥ ss.)]
Use. In relaxed condition succeeding cholera infantum.

KINO. (Extract of Pterocarpus erinaceus.)
Dose and Form. Powder, gr. v–x–xx. Mixture with mucilage and the aromatic waters.
Incomp. Acids, alkalies, sulphate of iron.

1. TINCTURA KINO.
Comp. Kino ℥ iiiss, rectified spirit f ℥ xl.
Dose. f ʒ j–ij, with chalk mixture.
Use. In diarrhœa without fever.

2. PULVIS KINO COMPOSITUS.
Comp. 15 kino, 4 cinnamon, 1 opium, (1 gr. of opium in ℈ j.)
Dose. Gr. v–℈ j, in mixture.

KRAMERIA. (K. triandria. Rhatany root.)
Dose. Gr. x–ʒss in powder, mixture, or electuary.
Use. Chronic diarrhœa, leucorrhœa, passive hemorrhage.

1. INFUSUM KRAMERIÆ.
Comp. Krameria ℥ j, water Oj.

Dose. f ℥ j–ij.
Incomp. Sulphate of iron.

[EXTRACTUM KRAMERIÆ (Ed. Dub.)
Dose. Gr. x–xx, pill, mixture.]

OPIUM. (See NARCOTICS.)

PLUMBUM.

1. PLUMBI ACETAS.
Dose. Gr. ss–iv.
Form. Pill with opium, solution with vinegar and distilled water.
Incomp. Sulphuric acid, sulphates, liq. ammoniæ acetatis, &c.
Use. In hemorrhages, dysentery, diarrhœa.

QUERCUS. (Q. pedunculata. The oak. The bark.)
Dose. Powder ʒss–ij.
Use. Diarrhœa, leucorrhœa.

1. DECOCTUM QUERCUS.
Comp. Oak bark ℥ j, water Ojss (to Oj.)
Dose. f ʒ ij–iv. (Externally as gargle, injection, lotion.)

ROSA. (Rosa Gallica. The red rose petals.)

1. INFUSUM ROSÆ COMPOSITUM.
Comp. Rose ℥ ss, water Oijss, sugar ℥iss, dilute sulphuric acid ʒiij.
Dose. ℥ j–ij. (Externally as gargle.)
Incomp. Alkalies and earths, sulphate of iron.
Use. In hemorrhages and colliquative sweats.

2. CONFECTIO ROSÆ GALLICÆ.
Comp. Rose ℥iv. sugar ℥xxx, mel. ℥vj, aq. ros. ℥viij.

Dose. ʒj–ij, as a vehicle for calomel, quinine, &c.

3. Mel Rosæ.
Comp. Rose ℥ij, water Oiss, honey Oij. (A honeyed decoction of Rose.)
Dose. ʒj–iv. (Chiefly in gargles.)

[Tinctura Rosæ. An admirable substitute for the infusion is prepared under this name. It is made by digesting 1 oz. of red rose petals with 4 oz. of proof spirit made with rose-water. Of this tincture ♏xxx, with ♏xij of acid. nit. dil., is equal to ℥iss of infusion of roses.

TORMENTILLA. (Tormentil or Septfoil. The root.)
Dose and Form. Powder ʒss–j.

1. Decoctum Tormentillæ.
Comp. Tormentil ℥ ij, water f ℥ xxx (to f ℥ xx.)
Dose. f ℥ j–ij (used also as an injection in leucorrhœa.)

ULMUS. (U. campestris. The bark.)

1. Decoctum Ulmi.
Comp. Fresh elm bark ℥ iiss, water ℥ xl (to xx.)
Dose. ℥ ij–iv. (Rarely used.)

UVA URSI. (Leaves of the bear-berry.)
Dose. ℈j–ʒj of the powder (too bulky).
Use. In diabetes, catarrh of bladder, incontinence of urine.

1. Decoctum Uvæ Ursi.
Comp. Uva ursi ℥ j, water f ℥ xx (to f ℥ xvi.)
Dose. f ℥ j–ij.

2. Extractum Uvæ Ursi.
Dose. Gr. v–xv.

ZINCUM.

1. Acetas Zinci.
Dose. Gr. j–ij. (Rarely used internally.)

2. Sulphas Zinci.
Dose. Gr. j–v. (Much used externally.)
Use. Leucorrhœa, gonorrhœa, opthalmia, and indolent ulcers.

Carminatives.

Use. As a class, to prevent nausea, to correct flatulence, and as corrigents to other medicines.

ANETHUM. (A. Graveolens. Dill. The fruit.)
Dose. Powder gr. v– ʒ ss.

1. Aqua Anethi.
Comp. Anethum ℥ xviij, proof sp. f ℥ vij, water 2 gall. (or by diffusing the oil in water.)
Dose. f ʒ j–iij (infants)–f ℥ j–iij (adults.)

ANISUM. (Pimpinella A. Anise. The seed.)
Dose. Powder gr. x– ʒ ss.

1. Oleum Anisi.
Dose. ♏ v–xv. (on sugar, or with sugar in mixture.)

2. Spiritus Anisi.
Comp. Anise ℥ x, proof sp. 1 gall., water f ℥ xl.
Dose. f ʒj– ℥ ss.

CARUI. (Carum C. Caraway. The seeds.)
Dose. Powder gr. x–ʒss.

1. Oleum Carui.
Dose. ♏j–v.

2. Spiritus Carui.
Comp. Carui ℥ xj, proof spir. ½ gall., water f ℥ xx, distil to ½ gall.
Dose. f ʒj– ℥ ss.

3. Aqua Carui.
Comp. Carui ℥ xviij, water 2 gall., spir. f ℥ vij, distil to 1 gall.
Dose. f ℥ j–iv.

CORIANDRUM. (C. Sativum. Coriander. The seeds.)
Dose. Powder gr. x– ℈j–ʒj.

CYMINUM. (Cuminum Cyminum. Cumin. The seeds.)
Dose. Powder gr. x–ʒss. (Rarely used.)

DAUCUS. (D. Carota. Carrot. The seed.)
Dose. Powder gr. x– ℈j– ʒ ss.

FŒNICULUM. (F. Vulgare. Fennel. The seeds.)
Dose. Gr. x– ʒ ss.

1. Aquæ Fœniculi.
Dose. f ℥ j–iij.

LAVANDULA. (Flower tops of L. vera. Lavender.)
Dose. Powder ℈j– ʒ ss. (Rarely used.)

1. Oleum Lavandulæ.
Dose. ♏ij–v.

2. Spiritus Lavandulæ.
Comp. Lavender ℔ij, alc. 1 gall, water Oij.
Dose. f ʒ ss–ij. (Rarely used.)

3. Tinctura Lavandulæ composita. (Red Lavender.)
Comp. Spir. lavand. Oiij, spir. of rosemary Oj, cinnamon ℥ j, nutmeg ℥ ss, red saunders ʒ iij, cloves ʒ ij.
Dose. f ʒ ss–j. (On a lump of sugar.)

LAURUS. (L. Nobilis. Sweet Bay. The berries and leaves.)
Dose. Of the berries powdered ʒ ss–j. The oil. Infusion. (Rarely used.)

MENTHA PIPERITA. (Peppermint.)
Dose. Powder gr. x–ʒ ss; infusion (ʒ ij water f ℥ viij) f ℥ j–ij. (Rarely used.)

1. Oleum Menthæ Piperitæ.
Dose. ♏ ij–v.

2. Spiritus Menthæ Piperita.
Comp. Ol. menthæ ʒ iij, proof sp. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

[Note.—Essence of peppermint is made by dissolving ʒ j of the oil in ℥ j of rectified spirit.]

3. Aqua Menthæ Piperitæ.
Comp. Ol. menth. pip. ʒ ss, carb. magnes. ʒ ss, aq. dist. Oij.
Dose. f ℥ j–iij.

MENTHA PULEGIUM. (Pennyroyal.)
Dose. Powder (rarely used), ʒ ss–j.

1. Oleum Menthæ Pulegii.
Dose. ♏ij–v.

2. Spiritus Menthæ Pulegii.
Comp. Ol. Puleg. ℥ iij, proof spir. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

3. Aqua Menthæ Pulegii.
Comp. Pennyroyal (dried) ℥ xij (or oil ʒ j), proof spir. f ℥ iiss, water 1 gall.

MENTHA VIRIDIS. (Spearmint.)
Dose and Form. Powder ʒ ss–ij (rarely used); infusion (ʒ ij–water f ℥ viij), f ℥ j–ij.

1. Ol. Menthæ Viridis.
Dose. ♏ij–v.

2. Spiritus Menthæ Viridis.
Comp. Oil ℥ iij, spir. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

3. Aqua Menthæ Viridis.
Comp. See Aq. Menth. Pip.
Dose. f ℥ j–ij.

ORIGANUM. (Marjoram.)
Dose. Powder, gr. x–ʒ ss; infusion (ʒ ij, water f ℥ viij) f ℥ j–ij. (Rarely used.)

1. Oleum Origani.
Dose. ♏ij–v.

ROSMARINUS. (Rosemary.)
Dose. Powder, gr. x–ʒ ss (rarely used); infusion (ʒ ij, water f ℥ viij) f ℥ j–ij.

1. Oleum Rosmarini.
Dose. ♏ij–v.

2. Spiritus Rosmarini.
Comp. Oil ʒ ij, alc. 1 gall., water Oj.
Dose. f ʒ ss–ij.

Diaphoretics.

AMMONIÆ SESQUICARBONAS? (See Refrigerants.)
Dose. Gr. iij–vj.

1. Liquor Ammoniæ Acetatis.
Comp. Sesq. am. ʒ ix, (vel q. s.) Acet. dest. f ℥ xx. A saturated solution.
Dose. f ʒ iij–vj– ℥ j.
Incomp. Acids, potass, sugar.
[*Saline Draughts.* Ammon. sesquicarb. ℈ j, acid. citric. gr. xxiv, *vel* acid. tart. gr. xxv, *vel* succ. lim. ʒ vj.]
Use. In febrile and inflammatory diseases.

ANTIMONIUM. (See Emetics.)

1. Antimonii Potassio-Tartras.
Dose. Gr. $\frac{1}{12}$–ij.

2. Vinum Antimonii Potassio-Tartratis.
Comp. Ant. pot. tart. ℈ j, sherry f ℥ x (gr. j, in f ℥ ss).
Dose. ♏ x–xv– ʒ j.

3. Pulvis Antimonii compositus. (Pulvis Antimonialis.)
Comp. 2 antimonious acid, 3 phosph. of lime.
Dose. Gr. iij–x.
Form. Pill, powder.

DIOSMA. (D. crenata. Buchu. The leaves.)?
Dose. (Of the powder) ℈j–ʒss.

1. Infusum Diosmæ.
Comp. Diosma ℥j, water Oj.
Dose. f℥j–ij.

DULCAMARA? (Solanum D. The stalk.)

1. Decoctum Dulcamaræ.
Comp. Dulc. ℥j, water Oiss–Oj.
Dose. f℥ss–iss.

GUAIACUM. (With Diluents.)

1. The Resin.
Dose. Gr. v–xx.
Form. Pill, bolus, mixture.
Use. In rheumatism.

2. Mistura Guaiaci.
Comp. Guaiacum ʒiij, sugar ℥ss, mucilage ℥ss, cinnamon water, f℥xix.
Dose. f℥ss–ij (guaiac. gr. ix in f℥j).

3. Tinctura Guaiaci.
Comp. Guaicum ℔ss, alc. Oij.
Dose and Form. fʒj–iij, in mucilage, or syrup and water.
Incomp. Water (decomposes it).

3. Tinctura Guaiaci composita.
Comp. Guaiacum ℥iv, aromatic spirit of ammonia Ojss.
Dose. fʒss–ij in mucilage, or syrup and water.
Use. Chronic rheumatism, amennorrhœa.

IPECACUANHA. (Cephaelis I. The root.)

1. Pulvis Ipecacuanhæ. The powdered root.
Dose. Gr. ss–j.

2. PULVIS IPECACUANHÆ COMPOSITUS.
Comp. 1 ipecacuan, 1 opium, 8 sulphate of potass, (gr. x, contain 1 gr. of opium).
Use. In cases where not much fever, cerebral disease, or sick stomach.
Dose. Gr. iiss-v-xx.
Form. Powder, pill, mixture.

3. VINUM IPECACUANHÆ.
Comp. Ipecacuanha ℥ ij, sherry Oij.
Dose. ♏xx-ʒ j.
Use. For children.

4. PILULÆ IPECACUANHÆ COMPOSITÆ.
Comp. 3 Pulv. ipec. comp., 1 squill, 1 ammoniac, mucilage q. s.
Dose. Gr. v-x (½ gr. opium in 10 grs).

MEZEREUM? (Daphne M. Bark of the root.) (STIMULANTS, DIURETICS.)
Form and Dose. Decoction (ʒ j in ℥ xxx water, to ℥ xx) ℥ ij-vj.
Use. In secondary syphilis, cutaneous diseases.

SASSAFRAS? (See ALTERATIVES.)
Dose. Of the powder ʒ ss–j. (Rarely used.)

SENEGA? (See EXPECTORANTS, ALTERANTS.)
Dose. (Of the powder) gr. x–xx. (Rarely used.)

1. DECOCTUM SENEGÆ.
Comp. Senega root ℥ j, water Oiss–Oj.
Dose. f ℥ j–ij.
Use. In rheumatism.

SULPHUR?

1. SULPHUR PRECIPITATUM.

Dose. ʒ ss–j, as an electuary, or suspended in milk.
Use. In chronic rheumatism.

Diluents. Demulcents. Emollients. Ptisans.

ACACIA. (Exudation from A. vera. Gum Arabic.)
Dose. ℈ss–j–ij.
Form. Powder, mixture.
Incomp. Acet. plumb., æther, spirits.

1. Mistura Acaciæ. (Mucilago acaciæ.)
Comp. Acacia ℥ x, boiling water f ℥ xx.
Dose. f ʒ j– ℥ j.
Incomp. Acet. plumb., æther, tinctures.

ALTHÆA. (A. officinalis. Marshmallow. The root.)
Form. Decoction (A. ℥ iss. water ℥ xx).
Dose. Of D. ad libitum, ℥ j–ij subinde.

1. Syrupus Althææ.
Comp. Decoction of Althæa with sugar.
Dose. ʒ j–iij. (Readily ferments.)

AMYGDALA AMARA. (Bitter almonds.)

AMYGDALA DULCIS. (Sweet almonds.)
Use. In catarrhal affections.

1. Confectio Amygdalæ. (Almond confect.)
Comp. Amygd. ℥ viij, acac. pulv. ℥ j, sacch. ℥ iv.
2. Mistura Amygdalæ. (Almond emulsion.)

Comp. Sweet almonds ℥ss, pulv. acac. ʒss, sugar ʒij, water ℥viij.
Dose. ʒj-iij, ad libitum.
Use. In catarrhal and dysenteric affections.

3. Oleum Amygdalæ. (Oil of almonds. Expressed from both kinds.)
Dose and Form. ʒj–iij, in emulsion.

AMYLUM. (Fecula Sem. tritici. Starch.)
Form. Powder (externally); mixed in water.

1. Decoctum Amyli. (Mucilago amyli. Starch emulsion.)
Comp. Amylum ℥ss, water ℥xx.
Dose. Ad libitum (for enema).
Incomp. Preparations of iodine.

AVENA. (A. sativa. The common oat.)
Form. The meal in decoction, poultice, &c.

CETACEUM. (From the head of the Spermaceti whale. Spermaceti.)
Form and Dose. ʒss–iss in an emulsion with egg or sugar.
Use. In catarrh.

CETRARIA. (Lichen Islandicus. Iceland moss.)
1. Decoctum Cetrariæ.
Comp. Cetraria ℥ss, water Oiss, boil to Oj.
Dose. f℥j–iv, ad libitum.
Use. In phthisis.

CYDONIA. (C. vulgaris. Common quince. The seeds.)
1 Decoctum Cydoniæ.
Comp. Quince seeds ʒij, water ℥xx.

Dose. f ℥ ij–iv, ad libitum.
Incomp. Alcohol, acids, metallic solutions.

FICUS. (F. carica. The dried fruit. Figs.)
Form. Unaltered; decoction, cataplasm.

GLYCYRRHIZA. (G. glabra. Common Liquorice. The root.)
Form and Dose. Decoction (rad. cont. ℥ iss, water ℥ xx), ad libitum.

1. Extractum Glycyrrhizæ.
Form and Dose. In substance and mixture. Ad libitum. (Gr. x. covers the taste of a *black dose.*)

HORDEUM. (H. distichon. Barley. Decorticated seeds.)

1. Decoctum Hordei. (Barley water.)
Comp. Barley ℥ ij, water Oivss, boil to Oij.
Dose. Ad libitum.

2. Decoctum Hordei compositum.
Comp. Decoct. hord. f ℥ xl, fici concisi ℥ iiss, glycyrr. rad. ʒ v, uvar. pass. ℥ iiss, aquæ f ℥ xx, boil to f ℥ xx.
Dose. Ad libitum.

LINUM. (L. Usitatissimum. Common Linseed. The seeds.)

1. Oleum Lini. (Linseed oil.)
Form. Enema, liniment.

2. Infusum Lini compositum. (Linseed tea.)
Comp. Lin. sem. ℥ ss, glycyrr. rad. ʒ ij, water Oj.
Dose. f ℥ ij-iv, or ad libitum.
Incomp. Alcohol. Acetate of lead.

3. Cataplasmi Lini. (See Part II.)

MALVA. (M. Silvestris. Common Mallow.)

1. Decoctum Malvæ compositum.

Comp. Mallow dried ℥ j, chamomile dried ℥ ss, water f ℥ xx.

Form. Enema, fomentation.

MEL. (Honey.)

1. Oxymel. (Mel. acetatum. Simple oxymel.)

Comp. Honey ℥ xij, acetic acid f ℥ iij.

Dose. f ʒ j– ℥ j.

OLIVÆ OLEUM. (Olive Oil.)

Form. Enema, liniment.

TRAGACANTHA. (Concrete juice of Astragulus Tragacantha.)

Form and Dose. Powder or mixture, ad libitum.

1. Pulvis Tragacanthæ compositus.

Comp. 1 tragacanth, 1 starch, 1 pulv. acaciæ, 2 sugar.

Dose and Form. ℈ j– ʒ ij, in powder and solution.

SARSAPARILLA. (See Alteratives.)

TAMARINDUS. (See Refrigerants.)

Diuretics.

CANTHARIS? (Cantharides. Spanish fly.) (See Stimulants.)

Form and Dose. Pill, gr. ss–j–ij. (Rarely used.)

Use. In [illegible] when the system is in an atonic condi[illegible]

1. Acetum Cantharidis. (See Part II.)

2. Tinctura Cantharidis.
Comp. Canth. ℥ i, dil. alc. Oij.
Dose. ♏x–ʒj, in demulcent liquids.

3. Ceratum Cantharidis. (See Part II.)

4. Emplastrum Cantharidis. (See Part II.)

CHIMAPHILA? (Pyrola Umbellata. Leaves of the Winter Green.)
Use. In dropsy attended with disordered digestion and general debility.

1. Decoctum Chimaphilæ.
Comp. Chimaphila ℥ j, water Oiss, (boil to Oj).
Dose. ℥ j–ij.
Incomp. Sulphas ferri.

COLCHICUM? (C. autumnale. Cormus and seeds.) (See Purgatives.)

DIGITALIS. (D. purpurea. The leaves and seeds.)
Dose. Gr. ss–iss, in powder or pill.
Use. In dropsies when the action of the heart requires to be controlled.

1. Infusum Digitalis.
Comp. Digitalis ʒj, water Oss, tinct. of cinnamon ℥ j.
Dose. ℥ ss–j.
Incomp. Sulphate of iron, acetate of lead.

2. Tinctura Digitalis.
Comp. Digitalis ℥ iv, dil. alc. Oij.
Dose. ♏x–ʒ ss–j.

3. Extractum Digitalis. (Watery extract from the fresh leaves.)
Dose. Gr. ss–iij.

[Note.—Pilulæ digitalis et scillæ.—Ed.
Comp. Digitalis and squill āā gr. j, conf. arom. gr. ij, confect. rosæ q. s. M. ft. pil.]

DIOSMA. (See Diaphoretics.)

DULCAMARA? (Solanum D. Woody Night-shade. Bitter sweet. The stem.) See Diaphoretics. Narcotics.)
Use. Mostly in cutaneous eruptions.

1. Decoctum Dulcamaræ.
Comp. Dulcamara ℥ j, water Oiss, boil to Oj.
Dose. f ʒ j–iv.

JUNIPERUS. (Common Juniper. Tops and berries.)
Form and Dose. Berries (triturated with sugar) ʒ j–ij. Infus. (J. ℥ j, water ℥ xv) ℥ ij–iv.
Use. In dropsy.

1. Oleum Juniperi.
Dose. ♏ ij–vj, in pill or emulsion.

2. Spiritus Juniperi Compositus.
Comp. Juniper berries ℔ j, caraway and fennel āā ℥ iss, dil. alc. 1 gall., water Oij. Distil to 1 gall.
Dose. f ʒ ij– ℥ ss, (an adjunct).

PAREIRA? (Cissampelos P. Pareira brava. The root.)
Dose. ʒ ss–j of the powder.
Use. Chronic diseases of the urinary passages.

1. Infusum Pareiræ.

Comp. Pareira ʒvj, water ℥ xx.
Dose. ℥ j–iij, (used with the extract).

2. Extractum Pareiræ. (Watery extract.)
Dose. Gr. x– ʒ ss.

POTASSA. (Antacids. Alkalines.)

1. Acetas Potassæ.
Dose. ℈j– ʒ iss, in diluents.
Incomp. Most acids and neutral salts.

2. Carbonas Potassæ. (Olim. Pot. subcarb.)
Dose. Gr. x– ʒ ss.

[Note.—℈j is saturated by acid. cit. gr. xvij, acid. tart. gr. xviij, succ. lim. ℥ ss.]

3. Bicarbonas Potassæ. (Olim. Pot. carb.) (Milder than 2.)
Dose. Gr. x– ʒ ss.

[Note.—℈j is saturated by acid. cit. gr. xiv, acid. tart. gr. xv, succ. lim. ʒ iiiss.]

4. Liquor Potassæ Carbonatis.
Comp. Carb. pot. ℔j, water dist. f ℥ xij.
Dose. ♏xx– ʒ j.
Incomp. Acids, acidulous salts, &c.

5. Nitras Potassæ. Nitre. (See Refrigerants.)
Dose. Gr. v– ʒ ss.
Incomp. Sulphuric acid and its salts.

SCILLA. (S. Maritima. Squills. Recent bulb.) (See Emetics. Expectorants.)
Dose. Gr. v–xv.
Use. Acts best in absence of inflammatory excitement.

1. Pulvis Scillæ. (Not officinal, but in use.) The dried bulb powdered.

Dose. Gr. j–v, in pill combined.

2. Pilulæ Scillæ Compositæ.

Comp. Squills ʒ j, ginger and gum ammoniac, each ʒ ij, soap ʒ iij, syr. q. s. Div. in 120 pills.

Dose. Gr. v–x.

3. Tinctura Scillæ.

Comp. Squill ℥ iv, proof spir. Oij.

Dose. ♏ x– ʒ ss.

4. Acetum Scillæ.

Comp. Squill ℥ iv, distilled vinegar Oij, alc. f ℥ j.

Dose. f ʒ ss–ij in aromatic water.

Incomp. Alkalies, earths, and carbonates.

5. Oxymel Scillæ.

Comp. Honey ℔ iij, vinegar of squill Oij.

Dose. ʒ j–ij.

SCOPARIUS. (Scytisus S. De Candolle. Broom. The fresh tops.)

1. Infusum Scoparii.

Comp. Scoparius ℥ j, water ℥ xx. [*Decoction* preferable. Scop. rec. f ℥ ss, water f ℥ xx, boil to ℥ x.]

Dose. f ℥ j–ij

2. Decoctum Scoparii compositum.

Comp. Fresh broom-tops, juniper berries, dandelion-root, āā ℥ ss, water f ℥ xxx. Boil to ℥ xx.

Dose. f ℥ j–ij.

SENEGA? (See Diaphoretics. Stimulants.)

Dose. Of the powder (rarely used) gr. x–xx.

1. Decoctum Senegæ.

Comp. Senega root ℥ j, water Oiss, boil to Oj.

Dose. f ℥ j–ij.

[EXTRACTUM SENEGÆ. (Not officinal.)
Dose. Gr. v–x.]

SPIRITUS ÆTHERIS NITRICI. (Sp. of Nit. Ether. Sweet spirits of nitre.)

Dose. ʒ ss–ij.

Incomp. Sulphas ferri. Tinct. guaiaci.

Use. In febrile complaints with deficient urinary secretion.

TABACUM. (Nicotiana T. Tobacco. The leaves.) (NARCOTICS. PURGATIVES.)

1. ENEMA TABACI. INFUSUM TABACI. (See PART II.)

TARAXACUM? (Root of the dandelion.) (See TONICS. ALTERATIVES. PURGATIVES.)

Use. Said to have a specific action on the liver.

1. EXTRACTUM TARAXACI. (Watery extract of fresh root.) Should be brown and bitter.

Dose. Gr. x– ʒ ss–j.

[NOTE.—*Decoctum Taraxaci.*—Edinb. Tar. ℥ iiiss, water ℥ xx (to ℥ x.) *Dose.* ℥ j–ij. U. S. Tarax. rad. ℥ ij, water Oij. *Dose.* f ℥ ij.]

TEREBINTHINA. (Turpentine. Oils and resins from various species of the genus Pinus.) (See PURGATIVES. ANTHELMINTICS.)

1. TEREBINTHINA VULGARIS. (Common turpentine.)

Dose and Form. ♈ j– ʒ j. (Not often internally.) In pill, emulsion, electuary.

2. TEREBINTHINA CANADENSIS. (Liquid turpentine. Canada balsam.)

3. TEREBINTHINA CHIA. (Chian Turpentine. Liquid resin. From the Pistacia Terebinthus.)

4. OLEUM TEREBINTHINÆ.

Dose and Form. ♏vj–ʒj. (Floating on aromatic water with tinct. capsici, in emulsion with mucilage or white of egg, or as a *Linctus* with honey or aromatic syrup.)

UVA URSI? (See ASTRINGENTS, TONICS?)

1. DECOCTUM UVÆ URSI.

Comp. Uva ursi ℥j, water f℥xx, boil to Oj.

Dose. f℥j–iij.

2. EXTRACTUM UVÆ URSI.

Dose. Gr. v–xv.

Use. In chronic urinary disorders.

Emetics.

AMMONIÆ SESQUI-CARBONAS. (Ammoniæ Subcarbonas.)

Dose and Form. ʒss in any aqueous medium. (Rarely used.)

ANTHEMIS? (See AROMATIC BITTERS.)

1. INFUSUM ANTHEMIDIS. Chamomile tea.

Comp. Cham. ℥ss, water Oj (ten minutes).

Dose. ℥iv subinde (warm).

Use. As an adjuvant.

ANTIMONIUM.

1. ANTIMONII POTASSIO-TARTRAS. (Antimonium Tartarisatum.)

Dose. Gr. j–iv in solution.
Use. A certain, powerful, and permanent emetic. Used where it is required not only to evacuate the stomach, but to produce an effect on surrounding organs.

2. Vinum Antimonii Potassio-Tartratis. (Vinum Antimonii.)
Comp. ℈ij of ant. pot. tart. in ℥ xx of sherry.
Dose. ℥ ss–iss subinde (gr. j in ℥ ss).
Incomp. Bitter and astringent infusions. Alkalies and their carbonates.
Use. For infants.

ASARUM. (Asarum Europæum. Asarabacca.)
Dose. Root or leaves in powder, ʒ ss–j. (Rarely used.)

CUPRI SULPHAS. (Blue vitriol.)
Dose. Gr. v–xv, in solution.

EUPHORBIUM. (Gum resin. Spurge.) (Rarely used.)

IPECACUANHA. (See Diaphoretics.)
1. Pulvis Ipecacuanhæ.
Dose. Gr. xv–ʒ ss in aqueous fluids.
Use. Mild and efficient.

2. Vinum Ipecacuanhæ.
Comp. ℥ ij of ipec. in Oij of sherry wine.
Dose. f ʒ ss–j every ten minutes. (For children.)

LOBELIA. (Lobelia inflata. Indian tobacco.)
Dose. In powder, gr. xv–℈j; of tincture (lobelia ℥ iv, dil. alc. Oij), ʒ j–ij. (Rarely used.)
Use. In spasmodic asthma.

SCILLA. (Squills.) (See DIURETICS, NARCOTICS, EXPECTORANTS.)
Dose. Gr. v–xv. (Rarely used.)

SINAPIS. (S. nigra. Mustard.) (EXPECTORANTS.)
Dose. (Of the powder) ʒ j–℥ ss, in ℥ iv–vj of warm water.
Use. In narcotic poisoning.

TABACUM. (Tobacco.) (NARCOTICS.)
Dose. Gr. v–x. (Rarely used.)
Use. In reduction of dislocations.

VERATRUM. (White Hellebore.) (See CATHARTICS.)
Form and Dose. Powder, gr. j–vj.
1. VINUM VERATRI.
Comp. White Hellebore ℥ iv, sherry Oj.
Dose. ♏ x–xxx.

ZINCI SULPHAS. (White vitriol.)
Dose. Gr. xv–ʒ ss, in solution.
Use. A prompt emetic in cases of poisoning.

Emmenagogues.

(MENSTRUÆ ET PARTUM ACCELERANTIA.)

ERGOTA. (Secale Cornutum. Spurred Rye.) (NARCOTICS?)
Dose. Powder (Pulvis Ergotæ) gr. v–x–xx.
[*a. Infusum.* Ergot ʒ j, boiling water ℥ iv. *Dose.* ℥ iss.

b. Decoctum. Ergot ʒ j, wat. ℥ v, boil 10 min. *Dose.* ℥ ij.

c. Tinctura. Ergot ℥ ss, spir. rect. ℥ vj. *Dose.* ʒ j.

d. Vinum. (Amer. Ph.) Ergot ℥ j, wine ℥ viij, macerate 14 days.]

RUTA. (Ruta Graveolens. Rue. The leaves.)

Dose. Powder ℈ j–ʒ ss; infusion (Rue ℥ j, boiling water ℥ xx) ℥ j–ij.

1. Confectio Rutæ.

Comp. Rue, caraway, bay berries (Laurus nobilis) āā ℥ iss, sagapenum ℥ ss, black pepper ʒ ij, honey ℥ xvj. (See Carminatives.)

Dose. ℈ j–ʒ j. (Also as an enema for children.)

SABINA. (Juniperus S. Savin. The tops.)

Dose. Powder gr. v–x. (Infusion. Oil.)

From other Classes.

ALOE.

ASSAFÆTIDA.

CANTHARIS.

CASTOREUM.

FERRUM.

GALBANUM.

HELLEBORUS NIGER.

HYDRARGYRUM.

IODINUM.

SENEGA.

SINAPIS.

Errhines.

ASARUM. (See EMETICS.)

EUPHORBIUM. (See EMETICS.)

HELLEBORUS. (See EMETICS.)

TABACUM. (See NARCOTICS.)

Expectorants.

ALLIUM? A. sativum. Garlic. The bulb.) (STOMACHIC, DIURETIC.)

Dose. ʒ j–ij of the fresh bulb.

AMMONIACUM. (See ANTISPASMODICS.)

Use. In deficient expectoration without acute inflammation.

ANTIMONII POTASSIO-TARTRAS. (See EMETICS, DIAPHORETICS.)

Dose. Gr. $\frac{1}{12}$–$\frac{1}{4}$.

Use. Excites bronchial secretion.

ASSAFÆTIDA. (See ANTISPASMODICS.)

BALSAMUM PERUVIANUM. (Balsam from the incised bark of the Myroxylon Peruiferum. Liquid Balsam.)

Dose and Form. ʒ ss–j on sugar, in pill with powders, mucilage.

Use. In chronic catarrh.

BALSAMUM TOLUTANUM. (Concrete Balsam.)

Dose and Form. Same as B. Peruvianum.

1. Tinctura Balsami Tolutani.
Comp. Tolu ℥ iij, alcohol Oij.
Dose. ʒ ss–ij. (Water precipitates the resin.)

2. Syrupus Tolutanus.
Comp. Tinc. tolu ℥ j, syrup Ojss.
Dose. f ʒ j–iij. (To flavour.)

BENZOINUM. (See Antispasmodics.)

COPAIBA. (Liquid resin.)
Dose and Form. ♏ x– ʒ j, on sugar, in water, in emulsion, in syrup, in pill, in capsules.
Use. In chronic catarrh.

GALBANUM. (See Antispasmodics.)
Use. Chronic bronchial affections.

IPECACUANHA. (See Emetics.)
Dose. Gr. ss.

MARRUBIUM? (M. Vulgare. Horehound.) (Tonics.)
[*Horehound Tea:* Marr. ℥ j, water ℥ xx.]

MASTICHE. (See Antispasmodics.)

MYRRHA. (Balsamodendron M. Gumresinous exudation.) (Tonics.)
Form and Dose. Powder, pill, emulsion, gr. x– ʒ ss.

1. Tinctura Myrrhæ. (Seldom used internally.)

STYRAX. (S. officinale. The balsam.) (Antispasmodics.)
Dose. Gr. v–x–xx, in pill (purified).

1. Pilulæ Styracis compositæ. (Narcotics. Opium.

Comp. 3 storax, 1 opium, 1 saffron.
Dose. Gr. iss–iiss–x (gr. v contains 1 gr. opium).

SAGAPENUM. (See ANTISPASMODICS.)

SENEGA. (See DIAPHORETICS.)

SCILLA. (See DIURETICS.)

CHLORINUM. (Inhaled.) In phthisis.

IODINUM. (Inhaled.) In phthisis.

MYRRHA. (Smoked.) In asthma.

PIX LIQUIDA. (Smoked.) In asthma.

STRAMONIUM. (Smoked.) In asthma.

TABACUM. (Smoked.) In asthma.

SYR. SCILL. COMP. (Coxe's Hive Syrup, U. S.)
Comp. Scill., seneka āā ℥iv, ant. tart. grs. xlviij, water Oiv, sugar ℔iijss.
Dose. For a child, ♏x–f ʒj, repeated in cases of croup every fifteen minutes, till it vomits.
Use. It is emetic, diaphoretic, expectorant, and frequently cathartic.

Narcotics. Sedatives. Soporifics. Anodynes.

ÆTHER. (See STIMULANTS.)

ACIDUM HYDROCYANICUM DILUTUM.
Comp. Real hydrocyanic acid and water.
Dose. ♏iij–v–viij, in aqueous mixtures.

Incomp. Metallic oxides and carbonates.

[NOTE.—The dilute acid of the Lond. P. contains 2 per cent.; of the Dub. 1·6 per cent.; and of the Ed. 3·2 per cent. of the real acid. The acid of *Scheele's strength* varies; it is often twice or thrice as strong as the Lond. dilute acid. It is to be desired that the profession would uniformly prescribe the dilute acid of the Lond. Ph.: it keeps better than Scheele's, and the dose is more manageable.]

Use. In asthma, pertussis, chronic catarrh. As a lotion in cutaneous diseases, for itching.

ACONITUM. (A. Paniculatum. Wolfsbane. Root and leaves.)

Dose. Of the powder, gr. j–iij. (Not to be relied on.)

Use. In neuralgia, gout, cancer, rheumatism.

1. EXTRACTUM ACONITI. (The inspissated juice.)

Dose. Gr. ss–j–iij. (Uncertain.)

[*a. Tinctura aconiti.*

Comp. Aconite root, ℥ iv, dil. alc. Oij.

Dose. ♏ xx ter die. (Most valuable as embrocation in neuralgia.)

b. Extractum Alcoholicum Aconiti. (By evaporating the tincture.)

Dose. Gr. $\frac{1}{6}$–$\frac{1}{2}$, in pill.

[NOTE.—The extract from the root, rubbed down with twice its bulk of alcohol and strained, is the best preparation.]

c. Unguent. Aconiti. One part extract and two parts lard.]

2. ACONITINA.

Dose. Scarcely admissible *internally.* (See PART II.)

ALCOHOL. (See STIMULANTS.)

BELLADONNA. (Atropa B. Deadly Night-shade. The leaves.)

Dose. Of the powder, gr. j–v. (The extract and tincture preferable.)

Use. In neuralgia, &c.

1. EXTRACTUM BELLADONNÆ. (The inspissated juice.)

Dose. Gr. ½-iv. (More used externally.)

2. EMPLASTRUM BELLADONNÆ.
(See PART II.)
[NOTE.—Though not officinal, the following is useful:
Tinctura Belladonnæ.
Comp. Leaves of bell. ℥ iv, dil. alc. Oij.
Dose. ♏ xx–xxiv: (or saturated tincture, extract. bell. ʒ x, proof spir. f ℥ xij. *Dose.* ♏ ij–iij–vj.)

CAMPHORA. (Laurus C. A peculiar concrete.)

Dose. Gr. j–xv, in pill, or (better) emulsion.

1. MISTURA CAMPHORÆ.

Comp. Camphor ʒ ss, rect. spir. ♏ x, water ℥ xx, (℥ j = gr. iss of camphor).

Dose. ℥ j-ij, or ad libitum.

Use. In typhoid diseases, rheumatism, dysmenorrhœa, strangury.

2. TINCTURA CAMPHORÆ. (Camphorated spirits of wine.)

Comp. Camph. ℥ iv, alcohol Oij.

Dose. ♏x–ʒss, (in saccharine or mucilaginous fluid; also externally).

3. Tinctura Camphoræ composita. (Paregoric elixir. Tinct. opii camphorata.)

Comp. Opium and benzoic acid, each ʒj, Ol. anis. ʒj, mel. desp. ℥ij, camph. ℈ij, dil. alc. Oij.

Use. Relieve nausea, check diarrhœa. Infantile diseases, to procure sleep.

Dose. ʒss–ʒij.

4. Linimentum Camphoræ. (See Part II.)

5. Linimentum Camphoræ compositum. (See Part II.)

[CANNABIS INDICA. (Indian Hemp.) (Not officinal.)

1. Extractum Cannabis Indicæ.

Dose. Gr. ss–ij.]

COLCHICUM. (Purgatives. Diuretics.)

CONIUM. (C. maculatum. The leaves and fruit.)

Dose. Of the powder gr. ij–x.

Use. In cancer, pertussis, scrofulous tumours.

1. Tinctura Conii.

Comp. Hemlock ℥iv, dil. alc. Oij.

Dose. ʒss–j.

2. Extractum Conii. (The inspissated juice.) (Often inert.)

Dose. Gr. ij–xx.

3. Pilulæ Conii Compositæ.

Comp. 5 ext. conii, 1 ipecacuan.

Dose. Gr. v–x (6 grs.=gr. j ipec).

4. CATAPLASMA CONII. (See PART II.)

DIGITALIS. (DIURETICS.)

DULCAMARA. (DIURETICS, DIAPHORETICS, q. v.)

HELLEBORUS. (CATHARTICS, EMETICS, q. v.)

HYOSCYAMUS. (H. niger. Henbane. The leaves and seeds.)

Dose. Powder (rarely used) gr. iij–x.

Use. In cases where opium is inadmissible from constipating effects.

1. EXTRACTUM HYOSCYAMI. (Inspiss. juice.)

Dose. Gr. v–x–℈j.

2. TINCTURA HYOSCYAMI.

Comp. Henbane ℥iv, dil. alc. Oij.

Dose. ʒ ss–ij.

LACTUCARIUM. (Lactuca sativa. Lettuce. The inspissated juice.)

Dose. Gr. ij–vj.

Incomp. Ammonia, alcohol.

Use. Occasionally instead of opium.

LACTUCÆ EXTRACTUM. (Watery Extract of the same.)

Dose. Gr. v–xv.

LOBELIA. (See EMETICS, ANTISPASMODICS.)

LUPULUS. (See AROMATIC BITTERS.)

NUX VOMICA. (Strychnos Nux Vomica. Ratsbane. The seeds.)

Dose. Gr. iij–xij.

1. Strychnia. (Six times as strong as the alcoholic extract of nux vomica.)
Dose. Gr. $\frac{1}{16}$–j.

[Note—1. *Tinctura Nucis Vomicæ.* (Dub.)
Comp. Nux vom. ℥ ij, rect. spir. ℥ viij.
Dose. ♏ v–x.

2. *Extractum Nucis Vomicæ.* (Ed. Dub.) Spirituous extract.
Dose. Gr. ss–j–iij.

3. Brucia. (From the nux vomica bark.)
Dose. Gr. ss–v.

OPIUM (and MORPHIA.) (Papaver Somniferum. The concrete juice of the unripe capsules.)
Dose and Form. Pill, powder, lozenge, electuary, gr. $\frac{1}{4}$-ss–j–ij–v–x.
Use. A general narcotic.

1. Pilulæ Saponis compositæ.
Comp. Opium ℥ ss, soap ℥ ij.
Dose. Gr. iss–iiss–x (gr. v=opii gr. j).

2. Pilulæ Styracis compositæ.
Comp. 1 opium, 1 saffron, 3 storax.
Dose. Gr. iss–iiss–x (gr. v=opii gr. j).

3. Extractum Opii purificatum (Watery extract: $\frac{1}{3}$ or $\frac{1}{4}$th more active than opium.)
Dose. Gr. $\frac{1}{4}$–iv.

4. Tinctura Opii. (Laudanum.)
Comp. Opium ℥ iiss, dil. alc. Oij.
Dose. ♏ v–ʒ j.

5. Vinum Opii. (Sydenham's liquid laudanum.)
Comp. Opium ℥ ii, cinnamon ʒ j, cloves ʒ j, sherry Oj.

Dose. ♏v–ʒj, (about the same strength as tinct. opii, but more agreeable to taste).

6. Confectio Opii.

Comp. Opium ʒivss, aromatic powder, ℥vj, mel. ℥xiv (36 grs.=opii. gr. j).

Dose. Gr. x–ʒj.

Use. In diseases requiring a stimulating narcotic.

7. Enema Opii. (See Part II.)

8. Linimentum Opii. (See Part II.)

9. Tinctura Camphoræ composita. (See Camphor.)

Comp. Camphor, opium, benzoic acid, &c.

Dose. fʒss–℥ss (f℥j=opii gr. ij nearly).

10. Pulvis Ipecacuanhæ compositus. (Diaphoretics.)

Comp. 1 opium, 1 ipecac., 8 sulph. potassæ.

Dose. Gr. iiss–v–℈j (gr. x=opii gr. j).

11. Pilulæ Ipecacuanhæ compositæ. (Diaphoretics.)

Comp. 3 pulv. ipec. c., 1 squills, 1 ammoniac.

Dose. Gr. v–x (gr. v=gr. ⅓ opium).

13. Pulvis Kino compositus.

(Astringents.) (One gr. of opium in ℈j.)

13. Pulvis Cretæ compositus cum Opio.

(Antacids.) (One gr. of opium in ℈ij.)

14. Acetas Morphiæ.

Dose. Gr. ⅙–ss–j.

Incomp. Mineral acids, alkalies.

15. Hydrochloras Morphiæ. (Muriate of morphia.)

Dose. Gr. ⅙–ss–j.

[*Morphiæ muriatis solutio.* Ed. Ph.—Hydr. morphiæ, gr. xviij, spir. rect. ℥ j, water ℥ iij. *Dose.* ♏x–xxx.

Trochisci morphiæ. Ed. Ph.—Hydr. morph. gr. v, tinct. tolu ʒj, sugar ℥ vj,=130 lozenges, each containing gr. 1-26 of morphia.

Morphia itself is little used from its insolubility.

Liquor Opii Sedativus. Battley's sedative.

Comp. Said to be a solution of the watery extract.

Dose. ♏ij–xx.

Solutio Morphiæ Bimeconatis. This valuable preparation was introduced by Mr. Squire, in 1838. It is of the same strength as laudanum. It usually disorders the head less than other preparations of opium, and does not constipate the bowels.

Dose. ♏v–ʒj,

Acetum Opii. Substitute for *black drop.*

Comp. Opium ℥ viij. distilled vinegar q. s. nutmeg ℥ iss, saffron ℥ ss, sugar ℥ xij.

Dose. ♏ij–xx.]

Use. Does not produce so much nausea and headache as laudanum.

PAPAVER. (P. somniferum. The ripe capsules.)

1. Decoctum Papaveris. (See Part II.)

2. Extractum Papaveris. (Watery extract.)

Dose. Gr. ij–ℸj.

3. Syrupus Papaveris.

Comp. A concentrated decoction and sugar.

Dose. (For infants,) ʒss–j ; (adults,) ʒij– ℥ ss.

SABADILLA. (Helonias officinalis. The seeds.) —Used chiefly to yield VERATRIA, q. v.

STRAMONIUM. (Datura S. Thornapple. Leaves and seeds.) (EXPECTORANTS, ANTISPASMODICS.)

Dose. Leaves gr. j–ij, seeds gr. ss–j.

1. EXTRACTUM STRAMONII. (Watery extract.)

Dose. Gr. ¼–j.

[*Tinctura Stramonii.* (Ph. Amer.) *Comp.* Stram. seeds ℥ j, proof sp. ℥ viij. *Dose.* ♏ x–xx.]

TABACUM. (See EMETICS, DIURETICS.)

TOXICODENDRON. (Rhus Toxicodendron. Sumach. The leaves.)

Dose. Powdered leaves gr. ss–iij.

VERATRIA. (Alkaloid from Sabadilla.)

Dose. Gr. 1-12–ss in pill. (Rarely used internally.)

Comp. Veratria ʒj, rect. spir. ℥ ij. (External.) *Unguentum Veratriæ.* (See PART II.)

VERATRUM. (V. album. White Hellebore. The root.) (EMETICS. PURGATIVES.)

Dose. Of the powder gr. j–ij.

Use. In lepra and other cutaneous affections.

1. DECOCTUM VERATRI. (*External.*) (See PART II.)

2. UNGUENTUM VERATRI. (*External.*) (See PART II.)

3. VINUM VERATRI.

Comp. Hellebore ℥ iv, sherry Oj.

Dose. ♏ x–xv.

Purgatives.

(Cathartics, Laxatives, Aperients, Eccoprotics, Drastics, Cholalogogues.)

ALOE. (A. Spicata. The inspissated juice.)

1. Extractum Alöes Purificatum.

Dose. Gr. ss–x.

Use. Habitual costiveness, amennorhea, ascarides.

[Note.—An invaluable aperient in small doses and when minutely divided. The "Pilulæ ante cibum" of the Parisian Codex, is an excellent form; viz. Al. opt. gr. xv, Mastiches et Fol. ros. rub. exsic. āā gr. v; Syrup. Absinth. q. s.; Divide in pil. xv. But a dose one half as strong often answers admirably; e. g. ℞. Ext. Al. pur. gr. x; Mastiches et Fol. Ros. rub. exsicc. āā gr. xv; Ol. Absinthii ♏x, M. ft. pil. xx. To be taken *cum prandio.*]

2. Pulvis Alöes compositus.

Comp. 3 aloes, 1 guaiacum, 2 pulvis cinnam. comp.

Dose. Gr. v–x.

Form. Powder, pill.

3. Pilulæ Alöes compositæ.

Comp. 2 aloes, 1 extract of gentian, ol. carui et syrup. q. s.

Dose. Gr. j–x.

4. Pilulæ Alöes cum Myrrha. (Rufus' Pills.)

Comp. 2 aloes, ½ saffron, 1 myrrh, syr. q. s.

Dose. Gr. j–x–xv.

[Pilulæ Alöes et Ferri. (Ed. Ph.)

Comp. 2 aloes, 3 ferri sulph., 6 pulv. cinnam. comp., 8 confect. roses.
Dose. Gr. v–x.]

Use. In constipation with debility, suppressed catamenia.

5. PILULÆ CAMBOGIÆ COMPOSITÆ.
Comp. 3 aloes, 2 camboge, 1 ginger, 4 soap.
Dose. Gr. iij–x-xv.
Use. An active purge.

6. PILULÆ SAGAPENI COMPOSITÆ. (Baume de vie.)
Comp. 16 sagapenum, 1 aloes, syrup of ginger q. s.
Dose. Gr. v–x–xv.

7. DECOCTUM ALÖES COMPOSITUM.
Comp. Extract of liquorice ʒ vij, carbonate of potass ʒ j, aloes ʒ jss, myrrh ʒ jss, saffron ʒ jss, water f ℥ xxx (boil down to f ℥ xx), compound tinct. of cardam. f ℥ vij.
Dose. f ℥ ss–ij.
Form. In other fluids, or simple.
Incomp. Acids, salts, &c. (See CARBONATE OF POTASS.)

8. TINCTURA ALÖES.
Comp. Aloes ℥ j, extract of liquorice ℥ iij, water Oiss, alc. Oss.
Dose. ʒ ij–℥ j.
Form. Single, or in other fluids.

9. TINCTURA ALÖES COMPOSITA. (Elix. prop.)
Comp. Aloes ℥ iij, saffron ℥ j, tincture of myrrh Oij.
Dose. ʒ j–ij.
Form. In other liquids, with other purgatives.

Use. Purgative, tonic, emmenagogue.

10. Vinum Alöes.
Comp. Aloes ℥j, cardam. and ginger each ʒj, sherry Oj.
Dose. ℥ss–ij. (Stomachic ʒj–ij.)
Form. Simple, or in composition.

11. Enema Alöes. (See Part II.)

CAMBOGIA. (Gum resin of Stalagmitis Cambogioides.)
Dose. Gr. j–vj–x.
Form. Pill, powder, solution (with carb. of potass, &c.)—chiefly in composition.
Use. In dropsy with torpid bowels, for tænia.

1. Pilulæ Cambogiæ compositæ.
Comp. 2 camboge, 3 aloes, 1 ginger, 4 soap.
Dose. Gr. iij–x–xv.

CASSIA. (Cassia Fistula. The pulp of the pods.)
Dose. ʒij–℥j.
Form. Simple, but best in composition with other laxatives. (Not effective.)

1. Confectio Cassiæ.
Comp. 6 cassia pulp, 2 manna, 1 tamarind pulp, syrup of rose, q. s.
Dose. ʒij–℥j. (Not effective—not very eligible.)

2. Confectio Sennæ. (See Senna.)

COLCHICUM. (The cormus and seeds of Meadow Saffron.)
Use. Said to produce bilious stools.

1. Colchici Cormus.
Dose and Form. Powder, gr. ij–viij.

2. Colchici Semina.
Dose and Form. Powder, gr. ij–viij.

3. Tinctura Colchici.
Comp. Colchicum seeds ℥ iv, dil. alc. Oij.
Dose. ♏x–xx– ʒ ij.

4. Tinctura Colchici composita.
Comp. Colch. seeds ℥ j, spir. ammoniæ arom, f ℥ xx.
Dose. ♏x–xx– ʒ ij.

5. Acetum Colchici.
Comp. Fresh colchicum cormus ℥ ij, acet. dist. Oij, alc. f ℥ j.
Dose. f ʒ ss–ij, in any mild fluid.
Incomp. Alkalies.

6. Vinum Colchici.
Comp. Colch. semin ℥ iv, sherry Oij.
Dose. ♏x– ʒ ss–ij.

7. Extractum Colchici Cormi. (Watery Extract.)
Dose. Gr. j–iij.

8. Extractum Colchici Aceticum.
Dose. Gr. j–iij.

(See Alteratives. Emetics.)

COLOCYNTHIS. (Cucumis Colocynthis. The dried pulp of the fruit.)
Use. A hydragogue cathartic. Dropsy.

1. Colocynthidis Pulpa.
Dose. Gr. j–iv–x.

Form. In powder, decoction, or infusion. manageable, seldom used.)

2. EXTRACTUM COLOCYNTHIDIS. (Watery Extract.)
Dose. Gr. v–x.
Form. Pill. (Keeps badly.)

3. EXTRACTUM COLOCYNTHIDIS COMPOSITUM.
Comp. Coloc. ℥ vj, pulv. aloes ℥ xij, scammony ℥ iv, cardam ℥ j, sapo. hisp. ℥ iij, alc. dil. gall. j.
Dose. Gr. ij–v–x.
Form. Pill, single or in combination.
Use. In habitual costiveness.

4. ENEMA COLOCYNTHIDIS. (See PART II.)

ELATERIUM. (A fecula, from the fresh fruit of the Mormordica Elaterium.)

1. EXTRACTUM ELATERII. (Inspissated juice.)
Dose. Gr. $\frac{1}{16}$–j.
Form. Pill; aqueous solution.

HELLEBORUS. (H. niger. The root.)
Dose. Gr. iij–℈j. (Rarely used.)

1. TINCTURA HELLEBORI.
Comp. Hellebore ℥ iv, dil. alc. Oij.
Form and Dose. ♏xx–ʒj. (Rarely used as purgative.)

[EXTRACTUM HELLEBORI. (Watery Extract.)
Dose. Gr. j–iij.]

HYDRARGYRUM.

1. HYDRARGYRUM CUM CRETÂ.
Comp. 3 mercury, 5 chalk.
Dose. Gr. j–v (alterative), gr. v–xv (laxative).

Form. Powder, pill.
Incomp. Acids and acidulous salts.
Use. For children.

2. HYDRARGYRI CHLORIDUM. Calomel.
Dose. Gr. ss–j (alterative), gr. j–x (purgative).
Form. Pill, powder.
Incomp. Most salts, acids, and alkalies.
Use. In cases where action on liver is desirable.

3. PILULÆ HYDRARGYRI.
Comp. Mercury 1½, confect. rosæ 1½, liquorice ½.
Dose. Gr. j–iij–v–x.

4. PILULÆ HYDRARGYRI CHLORIDI COMPOSITÆ. (Plummer's pill.)
Comp. 1 chloride of mercury (calomel), 1 oxysulphuret of antimony, 1 treacle, 2 guaiac.
Dose. Gr. iiss–v–x.

JALAPA. (Ipomæa Jalapa. The root.)

1. PULVIS JALAPÆ.
Dose. Gr. x–ʒ ss.
Form. Powder, pill, bolus, single or (more generally) combined.
Use. Hydragogue cathartic.

2. PULVIS JALAPÆ COMPOSITUS.
Comp. 1 jalap, 2 bitartrate of potash (cream of tartar).
Dose. ℈j–ʒj.
Form. Powder, mixture.
Incomp. Alkalies and alkaline earths, mineral acids, &c. (See POTASSÆ BITART.)

3. EXTRACTUM JALAPÆ. (Soft and hard.)

Dose. Gr. v–x–xv.
Form. Pill, powder.

4. Tinctura Jalapæ.
Comp. Jalap ℥ viij, dil. alc. Oij.
Dose. ʒ j–℥ ss.
Form. In combination with other purgatives.

MAGNESIA.

1. Magnesia. (Calcined magnesia.)
Dose. Gr. x–xx–ʒ ss–j.
Form. Powder, electuary, mixture.
Use. In sick headache, acidity of primæ viæ.

2. Magnesiæ Carbonas.
Dose. Gr. xv–ʒ ij.
Form. Powder, electuary, mixture.
Incomp. Acids, alkalies, most salts, &c.
Use. In cases requiring an antacid laxative.

3. Magnesiæ Sulphas. (Epsom Salts.)
Dose. ʒ ij–℥ iss.
Form. In solution (an oz. of water dissolves an oz. of salt).
Incomp. Muriates, nitrates, acetates, carbonates, &c.

MANNA. (Ornus Europæa. The concrete juice.)
Dose. ʒ j–iij–℥ iss.
Form. In solution, in milk, &c.; often with other purgatives.
Use. For children, pregnant women.

POTASSA.

1. Potassæ Acetas. (See Diuretics.)
Dose. ʒ ij–vj. (Diuretic ♈ j–ʒ j.)

Form. In solution (an oz. of water dissolves about ℥viss.)

Incomp. Sulphuric, nitric, hydrochloric acids, sulphates, &c.

Use. In dropsies.

2. Potassæ Sulphas.

Dose. Gr. xv–ʒj (alt. gr. v–x–xx.)

Form. Powder, solution more rarely, (an oz. of water dissolves 24 grs).

Incomp. Nitric and hydrocyan. acids, &c.

Use. In visceral obstructions of children.

3. Potassæ Bisulphus. (Potassæ Supersulphas.)

Dose. Gr. x–ʒij.

Form. Powder, solution (soluble in twice its weight of water), combined with rhubarb, &c. (Less used than No. 2.)

Incomp. Alkalies, earths, carbonates, &c.

Use. In constipation, with languid appetite.

4. Potassæ Tartras.

Dose. ʒj–℥j.

Form. Solution (soluble when crystallized, in equal weights of water).

Incomp. Most acids and salts.

Use. A cooling purge in febrile diseases.

5. Potassæ Bitartras. (Cream of Tartar.)

Dose. ʒj–vj.

Form. Solution, electuary, mixture. (Requires 120 parts of water to dissolve it.)

Incomp. Alkalies and alkaline earths, mineral acids, &c.

Use. In small doses, aperient; in large, hydragogue cathartic.

PRUNA. (Prunus domest. The dried fruit.)
Form and Dose. As fruit, dressed or undressed. Decoction in composition.

RHAMNUS. (Rhamnus Catharticus. Buckthorn. The berries.)

1. Rhamni Baccæ. (Baccarum Succus.)
Dose. Recent berries ℈j, dried berries ʒj, expressed juice ℥j. (Rarely used.)

2. Syrupus Rhamni.
Comp. Buckthorn juice, ginger, pimenta, and sugar.
Dose. ʒiij–℥j (rarely used;) ʒj added to purgative draughts and electuaries.

RHEUM. (Rheum Palmatum. Rhubarb. The root.)
Use. Unites astringent with cathartic properties. In dyspepsia with constipation, in diarrhœa if purging indicated, in secondary stage of cholera infantum, in fecal accumulations during typhoid disease.

1. Rhei Pulvis.
Dose. Gr. v–xxx.
Form. Powder, pill, electuary, mixture.

2. Infusum Rhei.
Comp. Rhubarb ʒi, water Oss.
Dose. f℥j–iij. (Stomachic, ʒij–vj.)
Incomp. Stronger acids. Metallic solutions, salts of iron, tart. emet. Inf. of cusparia bark, catechu, &c.

3. Tinctura Rhei composita.

Comp. Rhubarb ℥ iiss, liquorice ʒ vj, ginger ʒ iij, saffron ʒ iij, proof sp. f ℥ xl.
Dose. f ʒ ij–℥ iss.

4. Extractum Rhei.
Dose. Gr. v.–xv.
Form. Pill. Solution in aromatic water.

5. Pilulæ Rhei compositæ.
Comp. Rhub. ℥ j, aloes ʒ vj, myrrh ℥ ss, ol. menth. pip. ʒ ss, syr. aur. q. s. make 240 pills.
Dose. Gr. v.–xv.

[Pulvis rhei compositus. Ed. Ph. (Gregory's Powder.)
Comp. 1 ginger, 2 rhubarb, 6 magnesia.]

RICINI OLEUM. (Ricinus communis. Oil of the seeds. Castor oil.)
Dose. ʒ j–iss.
Form. Pure, on some liquid. Emulsion with mucilage, &c.
Use. A mild and speedy cathartic, in fecal accumulations, in colic, diarrhœa, dysentery, enteritis.

ROSA. (R. Centifolia. Damask rose. The petals.)

1. Syrupus Rosæ.
Comp. Sugared decoction.
Dose. ʒ ij–vj, (for infants).

SAPO. (See Antacids.)

SCAMMONIUM. (Convolvulus Scammonea. Scammony. The gum resin.)
Dose. Gr. ij–x.

Form. Fine powder triturated with sugar, &c. In solution.

1. PULVIS SCAMMONII COMPOSITUS.

Comp. 4 scammony, 4 ext. jalap, 1 ginger.

Dose. Gr. v–xv.

Form. Powder, pill, mixture, electuary.

2. CONFECTIO SCAMMONII.

Comp. 2 scammony, 1 cloves, 1 ginger, oil of carui and syrup, q. s.

Dose. Gr. v–x–ʒj.

3. EXTRACTUM COLOCYNTHIDIS COMPOSITUM. (See COLOCYNTH.)

SENNA. (Cassia lanceolata, and C. obovata. The leaves.)

Dose and Form. Powder ʒss–ij. (Not much used.)

Use. A prompt, efficient, and safe purge.

1. INFUSUM SENNÆ COMPOSITUM.

Comp. Senna ℥j, coriander ʒj, water Oj.

Dose. f℥j–iij. Mostly in composition.

Incomp. Strong acids, metallic salts, lime water.

2. CONFECTIO SENNÆ. (Lenitive Electuary.)

Comp. Senna ʒviii, figs ℔j, tamarinds ℔ss, cassia ℔ss, prunes ℔ss, coriander ℥iv, liquorice root ℥iii, sugar ℔iiss, water Oiv.

Dose. ʒj–iv.

Use. Admirable in habitual costiveness.

3. TINCTURA SENNÆ COMPOSITA.

Comp. Senna ʒiiss, caraway ʒiiss, cardamoms ʒj, raisins ℥v, proof spirit f℥xl.

Dose. ʒj–℥j.

4. Syrupus Sennæ.
Comp. Senna ℥ ij, fennel ℥ j, sugar ℥ xv, water Oj.
Dose. (For children) f ʒ j–iij.
Use. For children.

SODA.

1. Sodæ Phosphas.
Dose. ʒ ss–jss.
Form. Dissolved in gruel or broth.
Use. A mild purgative.

2. Sodæ Potassio-Tartras. (Soda Tartarisata. Rochelle salt.)
Dose. ʒ ij–℥ j.
Form. Solution. Single or combined. (Soluble in 5 parts of water.)
Incomp. Most acids and acidulous salts except bitartrate of potass.
Use. A mild, cooling purge.

[Note. Seidlitz Powders. *Blue Paper.* Sod. pot. tart. ʒ ij, sodæ bicarb. ℈ ij. *White Paper.* Acid. tart. ġrs. xxxv.]

3. Sodæ Sulphas. (Glauber's salt.)
Dose. ʒ ij–℥ jss.
Form. Solution. (An oz. of water dissolves ʒ iiiss.) Taste disguised by a little lemon juice or bitart. potassæ.
Incomp. Fixed alkalies and their carbonates.
Use. An efficient cathartic.

4. Sodæ Acetas.
Dose. ʒ j–℥ ss.
Incomp. The mineral acids.

SULPHUR. (S. Sublimatum. Flowers of Sulphur.)

Dose. ʒ j–ij.

Form. Powder, electuary, suspended in milk, &c.

Use. In hæmorrhoids, chronic rheumatism, catarrh, gout.

TAMARINDUS. (Tamarindus Indica. The pulp of the legume.)

Dose. ʒ ss–ij, as an adjunct.

Incomp. Salts of soda and potass.

Use. Laxative and refrigerant.

TEREBINTHINÆ OLEUM. (Distilled oil from the resin of Pinus Silvestris.)

1. Terebinthinæ Oleum purificatum.

Dose. ʒ j–iij– ℥ iss.

Form. Floating on any fluid. Emulsion.

Use. In ascarides, obstinate constipation, tympanitis.

2. Enema Terebinthinæ. (See Part II.)

TIGLII OLEUM. (Croton Tiglium. Croton Oil. Expressed from the seeds.)

Dose. ♏ ¼–ss–j

Form. Pill, with bread or any extract. Emulsion.

Use. A powerful hydragogue cathartic. Mania, coma, obstinate constipation.

VERATRUM. (White Hellebore.) (See Emetics.)

Refrigerants.

(Antiphlogistic, Temperants, Febrifuges, Salines.)

ACETUM. (Common Vinegar.)

1. ACETUM DESTILLATUM. (Distilled vinegar.)
Dose. f ʒ j–iij, with water and sugar.

2. ACIDUM ACETICUM. (Seven times stronger than distilled vinegar.)
Dose. ♏ ij–x, largely diluted.

ACIDUM CITRICUM.
Dose and Form. Gr. x–℈j, largely diluted in water, with sugar; or with the alkalies in the form of saline draught.
Incomp. Acids and alkalies.

[NOTE.—The following quantities of alkaline carbonates are required to saturate a scruple of Acid. Cit.: Pot. bicarb. gr. xxix, pot. carb. gr. xxiv, ammon. sesquic. gr. xvij, carb. sodæ gr. xlj, sod. sesquic. gr. xxiv.—*Pereira.*]

ACIDUM HYDROCHLORICUM DILUTUM.
Comp. Acid. hydrochlor. ℥ j, water f ℥ iij.
Dose. ♏ v–xx, largely diluted.

ACIDUM NITRICUM DILUTUM.
Comp. Acid. nitric. ℥ j, water f ℥ ix.
Dose. ♏ v–xx, largely diluted.

ACIDUM SULPHURICUM DILUTUM.
Comp. Acid. sulph. ℥ j, water ℥ xiij.
Dose. ♏ v–xx, largely diluted.
Incomp. Alkaline carbonates, metallic oxides.

ACIDUM TARTARICUM.

Dose. ℈ss–ʒ j, dissolved in much water, also to saturate the alkalies for saline draughts.
Incomp. Alkalies and their carbonates.

ACETOSELLA. (Oxalis A. Wood sorrel.)
Use. Infused in water, or boiled in milk to form whey.

AMMONIA.

1. Liquor Ammoniæ Acetatis.
Comp. Am. sesquic. ʒ ix (*vel* q. s.) acet. dest. f ℥ xx. (A saturated solution.)
Dose. f ʒ iij–vj.
Incomp. Acids and alkalies.

[Ammoniæ Citras. Amm. sesqui-carb. ℈ j. Acid. citric. gr. xxiv, *vel* succ. limon. ʒ vj, *vel* acid. tart. gr. xxvj, aquæ et sacch. q. s. (Saline draught.)]

AURANTIUM. (Citrus A. Orange. The fruit.)

LIMONES. (Citrus Limonum. The fruit.)

1. Succus Limonum. (Lemon juice.) Diluted as lemonade.

[*Artificial Lemon juice.* Acid. citric. ℥ viiiss, aquæ destill. ℥ xvj, ol. limon. ♏ iv–x.]

2. Syrupus Limonum.
Comp. Lemon juice ℥ x, sugar ℥ xv.
Dose. ʒ j–iij, added to aqueous fluids.

MORA. (Morus nigra. The Mulberry. The fruit.)

1. Syrupus Mori.
Comp. Mulberry juice ℥ x, sugar ℥ xv

Dose. ʒ j–ij, added to aqueous fluids.

POTASSA.

1. Acetas Potassæ ?

Dose. ℈i–ʒi, in diluent mixtures.

2. Potassæ Bitartras. (Cream of tartar.)

Dose. ʒ j–ij in water largely diluted, ad libitum. (*Imperial:* cream of tartar ʒj, boiling water ℥ xx, sugar, lemon-peel q. s. *Cream of tartar whey:* ʒij to ℥ xx of boiling milk.)

3. Potassæ Nitras. (Nitre.)

Dose. Gr. ij–℈j.

Incomp. Sulph. acid, alkaline sulphates.

4. Potassæ Carbonas.

5. Potassæ Bicarbonas.

Saline draughts.

[(*a*) Pot. carb. ℈j, acid. cit. gr. xvij, *vel* acid. tart. gr. xviij, *vel* succ. lim. ℥ ss.

(*b*) Pot. bicarb. ℈j, acid. cit. gr. xiv, *vel* acid. tart. gr. xv, *vel* succ. lim. ℥ iiss.]

PRUNA. (Prunes. The dried fruit.)

(Emollients. Purgatives.)

ROSA CANINA. (Dog-rose. The fruit—*Hips.*)

1. Confectio Rosæ Caninæ. (Conserve of Hips.)

Comp. 3 hip-pulp, 5 sugar.

Dose and Form. A vehicle for pills, linctus, or electuary, ad libitum.

RUMEX. Rumex acetosa. Sorrel. The leaves.)

Use. Infused in water, or to form whey.

SODA. (Citrate and tartrate.)

1. SODÆ CARBONAS. (Olim SUBCARBONAS.)
2. SODÆ SESQUICARBONAS. (Olim CARBONAS.)

Saline draughts.

[(*a*) Sodæ carb. ℈j, acid citric. gr. x ; *vel* acid. tartar. gr. xj ; *vel* succ. limon. ʒ iiss.
(*b*) Sodæ sesquicarb. ℈j, acid. citric. gr. xvij ; *vel* acid. tartar. gr. xviij ; *vel* succ. limon ℥ss.]

[PULVERES EFFERVESCENTES. (Ed. Ph.)
Blue Paper. Bicarb. sodæ, gr. xxxiij ; *vel* bicarb. pot. gr. xl.
White Paper Acid. tart. gr. xxx.]

TAMARINDUS. (T. Indica. The pulp.)

UVA. (Raisins stoned. The dried fruit.)

Sialogogues. Masticatories.

(See STIMULANTS, ALTERATIVES, NARCOTICS.)

ARMORACIA.
CARYOPHYLLUS.
HYDRARGYRUM.
MEZEREUM.
PIPER.
PYRETHRUM.
TABACUM.
ZINZIBER.

Stimulants.

ÆTHER SULPHURICUS.
Dose. ♏xx–ʒj.

1. Spiritus Ætheris Sulphurici compositus. (Hoffman's anodyne.)

Comp. Æth. sulph. Oss, spir. rect. Oj, ætherial oil ʒiij.

Dose. ʒ ss–j.

Use. To quiet nervous irritation. Added usefully to laudanum to prevent nausea.

ALCOHOL. Sp. grav. ·835.

Dose. ʒss–j.

Note.—The words "proof spirit" occurring in the text are to be understood as of sp. grav. 0·920. Such formulæ are unchanged from the London Dispensatory.

2. Spiritus Tenuior. (Dil. alc.) Sp. grav. ·935.

Comp. Alcohol and aq. dist., each 1 pint.

Dose. ʒ ij–℥ j.

AMMONIA.

1. Liquor Ammoniæ Fortior. Sp. grav. ·882. (1 ammonia, 3 water—nearly.)

Dose. ♏v–xv, with water or milk. (Rarely used internally.)

2. Liquor Ammoniæ. (1 ammonia, 9 water.) Sp. grav. ·960.

Dose. ♏x–xx.

3. Ammoniæ Sesquicarbonas. (Olim A. Subcarbonas.)

Dose and Form. Gr. ij–x, in pill or liquid.

Incomp. Acids and alkalies.

4. Liquor Ammoniæ Sesquicarbonatis.

Comp. Sesquic. of ammonia ℥ j, water ℥ v.

Dose. ʒ ss–j.

5. Spiritus Ammoniæ.
Comp. Ammonia, carbonic acid, spirit.
Dose. ʒss–j.

6. Spiritus Ammoniæ Aromaticus.
Comp. The same, with cinnamon, cloves, and lemon peel.
Dose. ʒ ss–j.
Use. In hysteria.

7. Spiritus Ammoniæ Fætidus.
Comp. The same, with assafætida in place of cinnam. &c.
Dose. ʒss–j.

8. Linimentum Ammoniæ. (See Part II.)

9. Linimentum Ammoniæ Sesquicarbonatis. (See Part II.)

10. Tinctura Ammoniæ composita. (Eau de Luce.) (Antispasmodics.)
Comp. Mastic ʒij, rect. spir. ʒix, oil of lavender ♏xiv, oil of amber ♏iv, liquor ammon. fort. ℥xx.
Dose. ♏v–xxx, in water.
Incomp. Acids and earthy salts.

ARMORACIA. (Cochlearea A. Horse-radish. The root.)
Dose. ʒ ss–ij, scraped.
Use. In scorbutic affections.

1. Spiritus Armoraciæ compositus.
Comp. Horse-radish, orange peel, nutmegs, proof spirit and water.
Dose. ʒ j–iij.

2. Infusum Armoraciæ compositum.

Comp. Horse-radish, mustard, each ℥ j, water Oj.
Dose. ℥ j–ij.

CAJAPUTI. (Melaleuca minor. The oil.) (ANTISPASMODICS.)
Form and Dose. The oil, ♏ ij–xx on sugar or in emulsion.
Use. In spasmodic affections of stomach and bowels unconnected with inflammation.

CARDAMINE. (C. Prætensis. The cuckoo-flower.)
Dose. ʒ j–iij of the dried flowers. (Rarely used.)

CREOSOTON. (Oxyhydrocarburet from pyroxylic oil.)
Dose and Form. ♏ j–vj in spirit and water, camphor mixture, or mucilage.
Incomp. Mineral acids.

[MISTURA CREOSOTI. (Edin. Ph.)
Comp. Creosot. et acid. acet. āā ♏ xvj, spir. junip. comp. et syrup. āā ℥ j, water ℥ xiv.
Dose. ℥ ss–ij.]
Use. Internally, as an expectorant. Externally to eruptions.

SERPENTARIA. (Aristolochia S. Virginian Snakeroot. The root.) (AROMATICS.)
Dose. Powder gr. x– ʒ ss.

1 INFUSUM SERPENTARIÆ.
Comp. Serp. ℥ ss, water Oj.
Dose. ℥ j–ij.
Use. In low forms of fever.

2. TINCTURA SERPENTARIÆ.

Comp. Serp. ℥ iii, dil. alc. Oij.
Dose. ʒ j–ij.

SPIRITUS VINI GALLICI. (French Brandy.)
Dose. ʒ ij– ℥ j.

1. MISTURA SPIRITUS VINI GALLICI.

Comp. Ol. cinnamon ♏ij, 2 yolks of eggs, sugar ℥ ss, French brandy and cinnamon water āā ℥ iv.
Dose. ʒij–x. (Egg Flip.)

VINUM XERICUM. (Sherry Wine.)
Dose. ʒ ij– ℥ i–ij. Ad libitum.

From the Class of AROMATIC BITTERS, *q. v.*

Absinthium.

Acorus.

Anthemis.
1. Infusum Anthemidis.
2. Oleum Anthemidis.

Aurantii Cortex.
1. Infusum Aurantii compositum.
2. Tinctura Aurantii.
3. Confectio Aurantii.
4. Syrupus Aurantii.
5. Aquæ Florum Aurantii.
6. Oleum Aurantii.

Limonum Cortex.
1. Oleum Limonum.

Contrajerva.

Cusparia.
1. Infusum Cuspariæ.

Lupulus.
1. Infusum Lupuli.
2. Tinctura Lupuli.
3. Extractum Lupuli.

Canella.

Capsicum.
1. Tinctura Capsici.

Cardamomum.
1. Tinctura Cardamomi.
2. Tinctura Cardamomi composita.

Caryophyllus.
1. Oleum Caryophylli.

Cinnamomum.
1. Pulvis Cinnamomi compositus.
2. Aqua Cinnamomi.
3. Tinctura Cinnamomi.
4. Tinctura Cinnamomi composita.
5. Oleum Cinnamomi.
6. Spiritus Cinnamomi.

Cubeba.
1. Tinctura Cubebæ.

Myristica.
1. Oleum Myristicæ.
2. Spiritus Myristicæ.

Pimenta.
1. Oleum Pimentæ.
2. Spiritus Pimentæ.
3. Aqua Pimentæ.

Piper Longum.
Piper Nigrum.
1. Confectio Piperis Nigri.

Inula.

Sinapis.

Zinziber.
1. Tinctura Zinziberis.
2. Syrupus Zinziberis.
3. Extractum Zinziberis (not officinal).

From NARCOTICS, *q. v.*

Camphora.
1. Mistura Camphoræ.
2. Tinctura Camphoræ.
3. Tinctura Camphoræ composita.

(Local.) Linimentum Camphoræ.
Linimentum C. compositum.

Dulcamara ?

Helleborus ?

Nux Vomica. *Strychnia ?*

Toxicodendron ?

Veratrum ?

From ANTISPASMODICS, *q. v.*

Castoreum.
1. Tinctura Castorei.

Galbanum.
1. Pilulæ Galbani compositæ.

Moschus.
1 Mistura Moschi.

Olibanum.

Opoponax.

Valeriana.

1. Tinctura Valerianæ.
2. Tinctura Valerianæ Ammoniata.

Petroleum.

Succinum.

1. Oleum Succini.

From CARMINATIVES, *q. v.*

Anethum.

1. Aqua Anethi.

Anisum.

1. Oleum Anisi.
2. Spiritus Anisi.

Carui.

1. Oleum Carui.
2. Spiritus Carui.
3. Aqua Carui.

Coriandrum.

Cyminum.

Lavandula.

1. Oleum Lavandulæ.
2. Spiritus Lavandulæ.
3. Tinctura Lavendulæ composita.

Mentha Piperita.

1. Oleum Menthæ Piperitæ.
2. Spiritus Menthæ Piperitæ.
3. Aqua Menthæ Piperitæ.

Pulegium.

1. Oleum Pulegii.

2. Spiritus Pulegii.
3. Aqua Pulegii.

Mentha Viridis.

1. Oleum Menthæ Viridis.
2. Spiritus Menthæ Viridis.
3. Aqua Menthæ Viridis.

Origanum.

1. Oleum Origani.

Rosmarinus.

1. Oleum Rosmarini.
2. Spiritus Rosmarini.

From EXPECTORANTS, *q. v.*

Balsamum Peruvianum.

Balsamum Tolutanum.

1. Tinctura Balsami Tolutani.
2. Syrupus Tolutanus.

Myrrha.

1. Tinctura Myrrhæ.

Copaiba.

From EMMENAGOGUES, *q. v.*

Ergota.

Ruta.

1. Confectio Rutæ.

Sabina.

From DIURETICS, *q. v.*

Cantharis.

Chimaphila ?

1. Decoctum Chimaphilæ.

Terebinthina Vulgaris.

Terebinthina Canadensis.
Oleum Terebinthinæ.
Spiritus Ætheris Nitrici.

Tonics.

MINERAL TONICS.

(Acids, Earths, Metals.)

ACIDUM ARSENICUM. (White Arsenic.)
Dose. Gr. $\frac{1}{16}$–$\frac{1}{4}$ in pills with bread, (after a meal.)
Incomp. Acids, earths, bitter infusions.

1. LIQUOR POTASSÆ ARSENITIS. (Liquor Arsenicalis. Fowler's Solution.)
Comp. Arsenious acid, carb. of pot. āā grs. lxiv, compound tinct. lavender ℥ss, water q. s.
Dose. ♏iij–xx.
Use. In intermittents, lepra, cephalalgia.

ACIDUM HYDROCHLORICUM. (A. Muriaticum. Liquid hydrochloric acid.)
Dose. ♏v–x in aqueous fluins.
Incomp. Alkalies, earths, &c.

1. ACIDUM HYDROCHLORICUM DILUTUM. (Dilute Muriatic Acid.)
Comp. Acid 1 part, water 3 parts.
Dose. ♏x–ʒss, in aqueous fluids.
(See REFRIGERANTS.)

ACIDUM NITRICUM. (Strong or fuming Nitric Acid.)
Dose. ♏j–x. (Rarely used.)

1. ACIDUM NITRICUM DILUTUM.
Comp. Acid 1 part, water 9 parts.
Dose. ♏x–ʒss.
Incomp. Acids, earths, sulph. of iron, &c.

[NOTE. *The Nitro-muriatic bath.* Acid. hydrochlor. 2 parts, acid. nit. 1 part, water 3 parts.— ℥ ij of this dilute acid to a gallon of water. (See REFRIGERANTS.)]

ACIDUM SULPHURICUM. (Aqueous Sulphuric Acid. Oil of Vitriol.)

1. ACIDUM SULPHURICUM DILUTUM.
Comp. Acid 1 part, water 13.
Dose. ♏x–ʒss, in aqueous fluids. As gargle ʒ i–ij in ℥ viij.
Incomp. Earthy oxides, alkaline carbonates.
Use. For colliquative sweats, hemorrhages.

ARGENTI NITRAS. (Argentum Nitratum.) Lunar Caustic.)
Dose. Gr. $\frac{1}{6}$–iij in pill, with bread crumb or vegetable powder.

1. LIQUOR ARGENTI NITRATIS.
Comp. Argent. nit. ʒ j, water ℥ j. (A test.)
Use. Epilepsy, chorea, angina pectoris.

BARII CHLORIDUM. (Muriate of Baryta.) Used chiefly in the form of—
1. LIQUOR BARII CHLORIDA.
Comp. Chloride of B. ℥ i, water ℥ iij.
Dose. ♏x–ʒss, in distilled water.
Incomp. Undistilled water, earths, and alkaline salts and sulphates.
Use. In scrofula and cancer.

BISMUTHI TRISNITRAS?

Dose and Form. Gr. v–℈j, in pill or powder.

Use. In chronic diseases of the stomach.

CALCII CHLORIDUM. (Muriate of Lime.)

Used in solution as—

1. LIQUOR CALCII CHLORIDI.

Comp. Chloride of lime 1 part, water 2·5 parts.

Dose. ♏xx–ʒiss. (See ALTERATIVES.)

Use. In scrofula, tabes mesenterica.

CUPRUM?

1. CUPRI SULPHAS.

Dose. Gr. ¼–iss, in pill.

2. CUPRI AMMONIO SULPHAS. (C. Ammoniatum.) Ammoniate of copper.)

Dose. Gr. ss–v, in pill.

3. LIQUOR CUPRI AMMONIO SULPHATIS.

Comp. Ammonio-sulph. of copper ʒj, water f℥xv.

Dose. ʒj–ij. Externally as lotion and (diluted) collyrium.

Incomp. Acids and alkalies.

FERRUM.

1. FERRI SESQUIOXYDUM. (Ferri oxydum, F. carbonas, F. subcarbonas, F. rubigo.)

Dose and Form. Gr. x–ʒij, as an electuary with syrup, treacle, and with aromatics.

Incomp. Acids and acidulous salts.

Use. As a general tonic, especially in anæmic condition.

2. FERRI AMMONIO-CHLORIDUM. (F. ammoniatum.)

Dose. Gr. iij–℈j in powder, or pill with extracts. (Little used.)

3. Tinctura Ferri Ammonio-Chloridi.

Comp. F. Am. chlor. ℥iv, proof spir. f℥xx.

Dose. ʒss–ij. (Little used.)

4. Tinctura Ferri Sesquichloridi. (Tinct. Ferri muriatis.)

Comp. F. subcarb. ℔ss, acid. hydrochlor. Oj, alc. Oiij.

Dose. ♏v–x–ʒj, in simple liquids.

Incomp. Alkalies and their carbonates, astringent vegetable infusions, gum Arabic.

Use. A general tonic with special tendency towards the urinary organs.

5. Ferri Iodidum.

Comp. A deliquescent salt: iron 14, iodine 63·3, water 22·7 in 100 parts.

Dose. Gr. ij–vj, in distilled water with tinct. (with iron wire.)

Incomp. Acids, alkalies, vegetable infusions, &c. (Should always be kept ready in solution, else it is never neutral.)

(See Deobstruents or Alteratives.)

6. Ferri Percyanidum. (Hardly used medicinally.)

7. Potassii Ferrocyanidum. (Do.)

8. Ferri Sulphas.

Dose. Gr. j–v, in pill, with extracts or aromatic confection.

9. Mistura Ferri composita. (Griffith's mixture.)

Comp. Myrrh ʒj, carb. of potash gr. xxv, sulphate of iron ℈j, sugar ʒj, spirit of lavender ℥ ss, rose water ℥ vijss.
Dose. ℥ ss–ij, simple or with aromatics.
Incomp. Acids, acidulous salts, bitters.
Use. In chlorosis, menstrual derangement, hectic.

10. Pilulæ Ferri compositæ.
Comp. 1 sulphate of iron, 1 carbonate of soda, syr. q. s., 2 myrrh. (The sulphate is decomposed.)
Use. A good emmenagogue.

11. Ferri Potassio-Tartras. (F. Tartarisatum.)
Dose. Gr. x– ʒ ss in pill, bolus, or solution in carminative water.

ZINCUM.
Use. For cases of debility attended with irritation.

1. Zinci Oxydum. (Flores Zinci.)
Dose. Gr. j–vj, in pill or powder.

2. Zinci Sulphas.
Dose. Gr. j–v, in pill.

VEGETABLE TONICS. BITTER TONICS.

CALUMBA. (Cocculus Palmatus. Root.)
Dose. Gr. x– ʒ ss in powder.
Use. In decline of remittent, of dysentery, of cholera.

1. Infusum Calumbæ.
Comp. Calumba ℥ ss, water Oj.
Dose. ℥ j–ij.
Incomp. Bichloride of mercury, lime water.

2. Tinctura Calumbæ.
Comp. Calumba ℥ iv, dil. alc. Oij.
Dose. f ʒ j–iv (added to bitter infusions and effervescent draughts).

CENTAURIUM. (Erythræa C. The flowers and leaves.)
Dose and Form. Of the powder, ℈j–ʒ j. Infusion (℥ ij–℥ x water) ℥ i–ij.
Use. In debilitated states of the stomach.

CINCHONA. (*a.* C. Cordifolia, Yellow bark. *b.* C. Lancifolia, Pale bark. *c.* C. Oblongifolia, Red bark.
Dose. Powder, gr. x–ʒ ij.
Use. Intermittent fever, whenever a permanent corroborative effect is desired, provided the stomach be in a proper state.

1. Infusum Cinchonæ.
Comp. Cinchona (lancifol.) ℥ j, water Oi.
Dose. f ℥ j–ij.
Incomp. Lime water, tart. emet., sulphate of zinc and iron.

2. Decoctum Cinchonæ Cordifoliæ. (Olim Decoctum Cinchonæ.)

3. Decoctum Cinchonæ Lancifoliæ.

4. Decoctum Cinchonæ Oblongifoliæ.
Comp. Cinchona ℥ j, water Oj.
Dose. ℥ j–ij.
Incomp. Lime water, tartar emetic, sulphate of iron.

5. Tinctura Cinchonæ.

Comp. C. cord. ℥ vj, dil. alc. Oij.
Dose. f ʒ j– ℥ ss.

6. TINCTURA CINCHONÆ COMPOSITA. (Huxham's Tincture.)
Comp. Cinchona (lanc.) ℥ ij, orange peel ℥ iss, serpentary ʒ iij, saffron ʒ j, red saunders ʒ j, dil. alc. f ℥ xx.
Dose. f ʒ j–iv.

7. EXTRACTUM CINCHONÆ CORDIFOLIÆ. (Olim EXTRACT. CINCHONÆ.)

8. EXTRACTUM CINCHONÆ LANCIFOLIÆ.

9. EXTRACTUM CINCHONÆ OBLONGIFOLIÆ.
Comp. Watery extract.
Dose. Gr. x–xx.
Form. Pill, solution in water, &c., syrup of mulberries, (for children.)

10. QUINÆ DISULPHAS. (Sulphate of quinine.)
Comp. From the C. cordifolia.
Dose. Gr. ss–x.
Form. Pill, with conserve of roses, powder with sugar. Solution, in acidulated liquids, water, alcohol or syrup.

[The best vehicle is distilled water, slightly acidulated. It is little soluble in pure water; more so in spirit. Soluble in 780 parts of cold water, or 80 parts of spirit of sp. gr. 0·85. (Pereira.) Very soluble in sulph. acid. A drachm of acid. sulph. dil. will dissolve gr. xx. A convenient strong solution is made by dissolving gr. j. in water ʒ j, by the addition of acid. sulph. dil. ♏ ij. When infusion of roses is

used as a vehicle, dilute nitric acid should be used in place of sulphuric, and in the proportion of *half as much more* as of the sulphuric. The nitric acid keeps the tannate of quinine in solution, and keeps the mixture clear. (Mr. Squire, in Pharm. Jour.)]

Use. Preferable to cinchona from convenience of administration. Possesses more anti-intermittent and less tonic property than cinchona.

GENTIANA. (G. Lutea. The root.)

Dose. Powder gr. x–ʒ ss. (Not much used.)

Use. In dyspepsia, gout, worms, intermittent.

1. Infusum Gentianæ compositum.

Comp. Gentian ℥ ss, orange peel ʒ i, coriander ʒ j, dil. alc. ℥ iv, water ℥ xij.

Dose. ℥ j–ij.

Incomp. Sulphate of iron and zinc.

2. Mistura Gentianæ composita.

Comp. Inf. gent. comp. f ℥ vj, inf. sennæ comp. f ℥ iij, tinct. card. c. f ℥ j.

Dose. f ʒ x–℥ ij.

3. Tinctura Gentianæ compositæ.

Comp. Gentian ℥ ii, orange peel ʒ j, cardam. ℥ ss, dil. alc. Oij.

Dose. f ʒ ss–ij.

4. Extractum Gentianæ. (Watery extract.)

Dose. Gr. x–ʒ ss.

MENYANTHES. (M. trifoliata. Buckbean. The leaves.)

Form and Dose. Powder ℈ j–ʒ ss; infusion (℥ j–to ℥ xx of water) ℥ j–iss; extract (not much used).

Use. Unites a cathartic with tonic property.

QUASSIA. (Q. excelsa. The wood.)
Dose and Form. Gr. x–ʒss of the powder. (Rarely used.)

1. Infusum Quassiæ.
Comp. Quassia ʒij, cold water Oj.
Dose. f℥j–ij.
Incomp. Lead, silver. (May be used with chalybeates.)
Use. A pure bitter. In dyspepsia from debility of stomach, in remission of fever.

SIMARUBA. (S. officinalis. The bark of the root.)
Dose. ℈ss–ʒss in powder. (Rarely used.)
Use. Mostly in Europe. Dysentery.

1. Infusum Simarubæ.
Comp. Simaruba ʒiij, water ℥xx.
Dose. ℥j–ij.
Incomp. Alkalies and their carbonates, lime water.

PART II.

REMEDIES FOR EXTERNAL AND LOCAL USE.

Cataplasmata. Poultices.

EMOLLIENT. SEDATIVE.

1. CATAPLASMA LINI. Linseed-meal poultice.
Comp. Boiling water f ℥ xx, linseed meal q. s.
2. CATAPLASMA CONII. Hemlock poultice.
Comp. Boiling water ℥ xx, extract. conii ʒ ij, linseed meal q. s.
3. [CATAPLASMA ALUMINIS. Ph. Dub. Alum poultice.
Comp. White of two eggs, alum ʒ j.]

STIMULANT. ANTISEPTIC.

1. CATAPLASMA SINAPIS. Mustard poultice.
Comp. Powdered mustard and linseed meal, of each ℥ v, boiling vinegar q. s.
2. ALLIUM. Garlic. Boiled to a proper consistence.
3. CATAPLASMA FERMENTI. Yeast poultice.
Comp. Flour ℥ xij, yeast of beer ℥ x.

4. [CATAPLASMA CARBONIS LINI. Ph. Dub. Charcoal poultice.
Comp. Charcoal q. s., added to linseed or oatmeal poultice.]

5. [CATAPLASMA DAUCI. Carrot poultice. Ph. Dub. The carrot boiled to a proper consistence.]

Caustica. Vesicantia. Irritantia.

(Caustics. Blisters. Counter-irritants.)

1. POTASSÆ HYDRAS. (Olim P. Fusa.)

2. POTASSA CUM CALCE. Less deliquescent than the preceding.

3. ARGENTI NITRAS.

4. ACIDUM ACETICUM.

5. EMPLASTRUM CANTHARIDIS.
Comp. 1 lard, 2 cantharides, 3 emplast. ceræ.

6. ACETUM CANTHARIDIS.
Comp. Cantharides ℥ j, acid. acet. ℥ x.

7. [*Tela Vesicatoria. Charta Vesicatoria.* More elegant and equally effective preparations. Cantharadin, &c.]

8. CERATUM CANTHARIDIS.
Comp. Powdered cantharides ℔ j, yellow wax and lard each ℥ viij.

9. UNGUENTUM CANTHARIDIS.
Comp. 1 decoct. canthar., 2 cerat. resinæ.

10. Ceratum Sabinæ.
Comp. Savine ℥ ij, resin cerate ℔ j.
11. [*Unguentum Mezerei.* Amer. Ph.
Comp. Mezereon ℥ iv, lard ℥ xiv, wax ℥ ij.]
12. Unguentum Antimonii Potassio-Tartratis. Tartar-emetic ointment.
Comp. Ant. pot. tart. ʒ ij, lard ℥ j.
13. Euphorbium. Mixed with turpentine or Burgundy pitch.
14. Capsicum. Added to Cataplasms.
15. Mezereon. The bark softened in hot vinegar.
16. Piper Nigrum. Mixed with sinapisms or cataplasms.
17. Ruta. In substance, as a cataplasm.

[MOXAS.

Substances for producing counter-irritation by being burnt on the part. They are composed of various materials, and may be composed of any that will burn down slowly, such as cotton, the pith of plants, agaric, German tinder, &c. Percy used an *artillery match.* Larrey's moxa was a truncated cone of cotton stitched in linen, about four lines wide and six lines high. Dr. Sadler's, of St. Petersburg, are composed of the pith of the sunflower, cotton, and linen, steeped in a solution of nitre. Gräfe employed wafers dipped in three parts of oil of turpentine and one part of æther.]

Cerata et Unguenta. Ointments.

EMOLLIENT. DEFENSIVE.

1. CERATUM.
Comp. Wax and olive oil, equal parts.
2. CERATUM CALAMINÆ. (Turner's cerate.)
Comp. Calamine, wax, āā ℔ss, lard ℔ij.
3. CERATUM CETACEI. Spermaceti cerate.
Comp. Cetac. ℥ j, ceræ ℥ iij, ol. oliv. f ℥ vj.
4. CERATUM PLUMBI ACETATIS.
Comp. Plumb. acet. ʒ ij, ceræ ℥ ij, ol. oliv. ℥ viij.
5. CERATUM PLUMBI COMPOSITUM. (Goulard's cerate.)
Comp. Liq. plumb. diacet. f ℥ iiss, ceræ ℥ iv, ol. oliv. f ℥ ix, camphoræ ʒ ss.
6. CERATUM SAPONIS.
Comp. Sol. subacetate of lead Oij, wax ℥ x, olive oil Oj, soap ℥ vj.
7. UNGUENTUM CETACEI.
Comp. Spermaceti ʒ vj, wax ʒ ij, ol. oliv. ℥ iij.
8. UNGUENTUM SAMBUCI. (Elder ointment.)
Comp. Elder flowers and lard, equal parts—boil and strain.
9. UNGUENTUM ZINCI.
Comp. 1 oxide of zinc, 6 lard.

STIMULANT. DIGESTIVE.

1. CERATUM RESINÆ. (Basilicon.)
Comp. Resin ℥ v, wax ℥ ij, lard ℥ viij.
2. UNGUENTUM CREOSOTI.
Comp. Creosote ʒ ss, lard ℥ j.

3. Unguentum Elemi.

Comp. Elem. ℥ vj, turpentine ℥ v, suet ℥ xij, ol. oliv. f ℥ ij.

4. Unguentum Gallæ compositum.

Comp. Powdered galls ʒ ij, lard ℥ ij, opium ʒ ss.

5. Unguentum Hydrargyri Ammonio-chloridi. (White precipitate ointment.)

Comp. Hydr. am. chlor. (white precipitate) ʒ j, ung. simp. ℥ iss.

6. Unguentum Hydrargyri Nitratis. (Citrine ointment.)

Comp. Mercury ℥ j, ac. nit. ʒ xj, fresh neat's foot oil f ℥ ix, lard ℥ iij.

7. Unguentum Hydrargyri Nitrico-oxidi. (Red precipitate ointment.)

Comp. 1 hyd. nit. ox., 8 ung. simp.

8. Unguentum Picis Liquidi. (Tar ointment.)

Comp. Suet and tar, equal parts.

9. Unguentum Picis Nigri. (Pitch ointment.)

Comp. Pitch, wax, resin āā ℥ ix, ol. oil ℥ xvj.

10. Unguentum Plumbi compositum.

Comp. Cret. præp. ℥ iv, acet. destil. ℥ iij, emplast. plumb. ℥ xviij, ol. oliv. ℥ x.

ALTERATIVE. DISCUTIENT.

1. Ceratum Hydrargyri compositum.

Comp. 4 unguent. hyd. fort., 4 cerat. sap., 1 camphor.

2. Unguentum Hydrargyri fortius.

Comp. 24 mercury, 23 lard, 1 suet.

3. Unguentum Hydrargyri mitius.

Comp. 1 unguent. hyd. fort., 2 lard.

4. UNGUENTUM HYDRARGYRI IODIDI.

Comp. 1 iod. of merc., 2 wax, 6 lard,

5. UNGUENTUM HYDRARGYRI BINIODIDI.

Comp. 1 biniod. of merc., 2 wax, 6 lard. (More active than the preceding.)

6. UNGUENTUM IODINII.

Comp. Iodine ℈j, lard ℥j, alc. ♏xx.

7. UNGUENTUM IODINII COMPOSITUM.

Comp. Iodine ʒss, iod. of potass. ʒj, lard ℥ij alc. ʒj.

8. UNGUENTUM PLUMBI IODIDI.

Comp. 1 iodide of lead, 8 lard.

SPECIFIC.

1. UNGUENTUM SULPHURIS.

Comp. Sulphur ℔j, lard ℔ij.

2. UNGUENTUM SULPHURIS COMPOSITUM.

Comp. Sulphur ℥j, ammon. merc. et acid benzoinic āā ʒj, ol. bergamot et acid sulph. āā fʒj, nit. pot. ʒij, lard ℔ss.

3. UNGUENTUM VERATRI.

Comp. White hellebore ℥ij, lard ℥viij, ol. limon. ♏xx.

SEDATIVE. ANTISPASMODIC.

[1. *Unguentum Veratriæ.* Veratria ℈j, olive oil ʒj, lard ʒvij.

2. *Unguentum Aconitinæ.* Aconit. gr. iv, ol. oliv. ʒss, lard ℥j.

3. *Unguentum Belladonnæ.* Extr. Bell. ʒj–ij, lard, or spermaceti ointment ℥j.]

Emplastra. Plasters.

STIMULANT. DISCUTIENT.

1. EMPLASTRUM AMMONIACI.
Comp. Ammoniacum ℥ v, distil. vinegar Oss.

2. EMPLASTRUM AMMONIACI CUM HYDRARGYRO.
Comp. Ammoniac. ℥ xij, mercury ℥ iij, oil and sulphur q. s.

3. EMPLASTRUM GALBANI.
Comp. Galbanum ℥ ij, emplast. plumb. ℥ ix, turpentine ʒ iiss, resin ʒ vj.

4. EMPLASTRUM HYDRARGYRI.
Comp. Mercury ℥ vj, emplast. plumb. ℔ j, olive oil and resin, each ℥ ij.

ANODYNE. EMOLLIENT.

1. EMPLASTRUM BELLADONNÆ.
Comp. Extr. belladonnæ ℥ iss, emplast. resinæ ℥ iij.

2. EMPLASTRUM OPII.
Comp. Opium ℥ ij, pic. Burgund. ℥ iij, emplast. plumb. ℔ j, water ℥ iv.

ADHESIVE. DEFENSIVE.

1. EMPLASTRUM CERÆ.
Comp. 1 resin, 3 wax, 3 suet.

2. EMPLASTRUM PLUMBI.
Comp. Semivitrif. ox. plumb. ℔ v, olive oil Cong. j, water Oij.

3. EMPLASTRUM SAPONIS.
Comp. Soap ℔ ss, emplast. plumbi. ℔ iij.

4. [*Court plaster.* Solution of isinglass on silk, and tincture of benzoin.
5. *Liston's plaster.* A solution of isinglass on oiled silk.]

Enemata. Alvine Injections.

CATHARTIC. STIMULANT.

1. Enema Alöes.
Comp. Aloes ℈ij, carb. potass. gr. xv, decoct. hordei ℥ x.

2. Enema Colocynthidis.
Comp. Extract. coloc. c. ℈ij, soap ℥j, water ℥ xx.

3. Enema Terebinthinæ.
Comp. Ol. terebinth. ℥j, yolk of eggs, q. s., hot water ℥xix.

4. [Enema Catharticum. Ph. Dub.
Comp. Manna ℥ j, magnes. sulph. ℥ ss, ol. oliv. ℥ j, decoct. anthem. ℥ x.]

5. [Enema Rutæ.
Comp. Confect. Rutæ ℥ j, decoct. hord. ℥ vj.]

SEDATIVE. EMOLLIENT.

1. Enema Opii.
Comp. Tinct. opii ʒ ss, decoct. of starch ℥ iv.

2. Enema Tabaci.
Comp. Tobacco ʒ j, boiling water ℥ xx.

3. [Enema Fætidum Ed. Dub.
Comp. Enema cathart. ℥xij, tinct. assaf. ʒ ij.]

4. [Enema Emolliens. (Decoct. malvæ comp.)
Comp. Mallow ℥ j, chamomile ℥ ss, water ℥ xx, —boil and strain.]

The Endermic Method.

This consists in applying medicines in fine powder, pure or mixed into a paste with lard, gelatine, or cerate, to a blistered surface. The following medicines, among many others, have been used in this manner, and in the doses mentioned:

Morphia, and its salts . .	gr. $\frac{1}{4}$–ij.
Strychnia	gr. $\frac{1}{4}$–j.
Aconitina	gr. $\frac{1}{16}$–$\frac{1}{8}$.
Extract. belladonnæ . .	gr. ij–v.
Quinæ disulphas . . .	gr. ij–vj.
Moschus	gr. iv–viij.

Gargarismata. Gargles.

USED UNDILUTED.

1. Decoctum Cinchonæ.
2. Decoctum Quercus.
3. Infusum Catechu compositum.
4. Infusum Cinchonæ.
5. Infusum Rosæ compositum.

USED DILUTED.

6. Linimentum Æruginis.
7. Mel Boracis.
8. Tinctura Gallæ.
9. Tinctura Capsici.
10. Tinctura Kino.
11. Tinctura Myrrhæ.

Linimenta. Embrocationes. Fomentationes. Lotiones.

STIMULANT.

1. LINIMENTUM AMMONIÆ. (Stronger liniment.)
Comp. 1 liquor ammoniæ, 2 olive oil.

2. LINIMENTUM AMMONIÆ SESQUICARBONATIS. (Weaker liniment.)
Comp. 1 liq. amm. sesquicarb., 3 olive oil.

3. [LINIMENTUM AMMONIÆ COMPOSITUM.
Comp. Liq. ammoniæ ℥ v, tinct. camph. ℥ ij, spir. rosmar. ℥ j. Ph. Ed.]

[The preceding formula is an imitation of Dr. Granville's *antidynous lotions*, which are,

a. Lotio Ammoniata mitior.
Comp. Liq. ammon. fortiss. ℥ j, spir. rosmar. ʒ vj, spir. camph. ʒ ij.

b. Lotio Ammoniata fortior.
Comp. Liq. ammon. fortiss. ʒ x, spir. rosmar. ℥ ss, spir. camph. ʒ ij.]

4. LINIMENTUM CAMPHORÆ.
Comp. Camphor ℥ ss, olive oil ℥ ij.

5. LINIMENTUM CAMPHORÆ COMPOSITUM.
Comp. Camphor ℥ iiss, liq. ammoniæ ℥ viiss, spir. lavand. ℥ xx.

6. LINIMENTUM HYDRARGYRI COMPOSITUM.
Comp. Unguent. hyd. fort. ℥ iv, lard ʒ iv, camphor ℥ j, liq. ammon. ℥ iv.

7. LINIMENTUM SAPONIS.
Comp. Soap ℥ iij, camphor ℥ j, oil rosmar. f ʒ j, ol. origan. f ʒ j, alcohol Oj.

8. LINIMENTUM TEREBINTHINÆ.
Comp. Oil of turpentine Oss, cerat. resin ℔j.

9. OLEUM CAJAPUTI.
Comp. Simple, or mixed with olive oil.

10. [LINIMENTUM CROTONIS.
Comp. 1 croton oil, 5 olive oil.]

REFRIGERANT.

1. LIQUOR PLUMBI DIACETATIS. (Goulard.)

2. LIQUOR PLUMBI DIACETATIS DILUTUS.
Comp. Liq. pl. diacet. f℥ij, dist. water Oj.

3. [*Lotio Ammoniæ Hydrochloratis.* (Muriate of ammonia wash.)
Comp. Ammon. hydrochlor. ℥j–ij, aquæ vel aceti ℥xij, spir. rect. ℥iv.]

SEDATIVE. EMOLLIENT.

1. DECOCTUM PAPAVERIS.
Comp. Poppy heads ℥j, water f℥xx,—boil 15 minutes.

2. LINIMENTUM OPII.
Comp. 1 tinct. opii, 3 liniment. saponis.

3. DECOCTUM MALVÆ COMPOSITUM.
Comp. Mallow ℥j, chamomile ℥ss, water f℥xx.

[*Embrocatio Aconitinæ.* Aconit. gr. viij, spir. rect. ℥ij.
Embrocatio Aconiti. Extract. Aconiti ℥ss ad ℥j, alcohol ℥ij tere bene et cola. This answers well, and is only one-sixth part the price of the preceding].

ASTRINGENT.

1. LIQUOR ALUMINIS COMPOSITUS.
Comp. Alum ʒ ij, sulph. zinci ʒ ij, water f ℥ xv.

2. LIQUOR CALCIS.
Comp. Lime ℥ iv, dist. water Cong. j.

3. DECOCTUM QUERCUS.
Comp. Oak bark ℥ j, water Oiss—boil to Oj.

FOR WOUNDS AND SKIN DISEASES.

1. LINIMENTUM ÆRUGINIS.
Comp. 1 verdigris, 7 vinegar, 14 honey.

2. LIQUOR CUPRI AMMONIO-SULPHATIS.
Comp. Cupri am. sulph. ʒ ss, water ℥ x.

3. DECOCTUM VERATRI.
Comp. Verat. alb. ʒ x, water ℥ xl, (boil to ℥ xx), spir. rect. ℥ iij.

4. [*Linimentum Calcis.* (Carron oil.)
Comp. Equal parts of lime water and linseed oil.]

5. [*Lotio Flava.* (Aqua Phagedenica.)
Comp. Hydrarg. bichlor. gr. ij, aquæ calcis ℥ j.]

6. [*Lotio Nigra.* (Black wash.)
Comp. Calomel ℈ j, liq. calcis ℥ vj.]

7. [*Lotio Hydrocyanica.* Acid. hydroc. dilut. ʒ j, water ℥ ij.]

Pulveres. Powders.

DESICCANT. ASTRINGENT. STIMULANT.

1. Calamina Præparata.
2. Creta Præparata.
3. Alumen Exsiccatum.
4. Rhei Pulvis.
5. Hydrargyri Nitrico-oxidum.
6. Hydrargyri Chloridum.

Inhalation.

Medicines are applied to the mucous membrane of the larynx, trachea, and bronchi, in several ways.

1. Diffused in the air of the chamber, and thus inhaled in ordinary respiration. The vapour of water (steam), the fumes of tar, resin, myrrh, &c., are thus applied.

2. Mixed with water in a close glass vessel having two tubes inserted into it, the one admitting the air and passing it through the mixture, the other inserted into the patient's mouth, through which the air of the vessel is drawn into the lungs. Chlorine gas, tincture of iodine, of conium, &c., are thus inhaled.

3. By means of the apparatus called "Mudge's Inhaler," or a greatly improved modification of this by Dr. Harwood, having a mouthpiece, which renders the process of inhalation much easier. Warm, watery vapours, in which various medicaments may be diffused or developed, are thus applied to the air-passages.

PART III.

I. POISONS AND COUNTERPOISONS.

Corrosive and Irritant Poisons.

POISONS.	TREATMENT.*
Arsenic.	(Sulphas Zinci. Sinapis Pulvis. Ipecacuanha.) The stomach-pump. Emetics. Milk in copious draughts. Oil and lime water in equal parts. Mucilage. Flour and water. Hydrated oxide of iron, recently prepared. (*Ferri sesquioxydum* Lond. *Carbonas Ferri præcipitatis* Ed. *Ferri carbonas* Dub.)
The strong Mineral Acids. Nitric A. Muriatic A. Sulphuric A.	Magnesia, chalk, whiting, in milk or water, mucilaginous or soapy liquid in large quantities.

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* In this table the primary or immediate treatment is alone, in general, noticed.

POISONS.	TREATMENT.
Oxalic Acid.	Stomach-pump. Mechanical irritation of the fauces. Magnesia, chalk, whiting, in small quantities of liquid. Muriate of lime diluted.
The strong or Caustic Alkalies. Ammonia. Potassa. Soda. Lime.	Stomach-pump. Emetics, Diluents. Demulcents. Olive oil. Diluted vinegar, lemon-juice, or citric acid, ad libitum.
Antimony, Salts of. Tartar Emetic. Butter of Antimony.	Copious draughts of warm water. Watery infusions containing gallic acid. Infusion of galls, oak bark, gentian, cascarilla, calumba, cinchona flava, kino, catechu.
Baryta. Barii Chloridum.	Alkaline sulphates. Sulphate of soda or magnesia. Stomach-pump.
Carbonas Barytæ.	Sulphate of soda or magnesia mixed with acetic acid.
Copper, Salts of. Acetate. Carbonate. Nitrate. Sulphate.	Demulcents. Albumen. Raw eggs. Flour and water. Milk, cream.
Iodine.	Emetics. Stomach-pump. Tepid demulcents. Flour, sago, arrowroot.?

POISONS.	TREATMENT.
Lead, Salts of.	Emetics. Stomach-pump. Alkaline sulphates, especially S. magnesiæ.
Carbonate.	Sulphate of soda mixed with acetic acid.
Mercury. Salts of. Bichloride (corrosive S.) Bicyanide. Iodide. Nitro-oxide.	Albumen, or beaten eggs in large quantity. Flour and water in stiff paste (gluten). Milk.
Nitre. Phosphorus.	Warm demulcents, Stomach-pump. Cold water. Magnesia, &c. as for the mineral acids.
Silver, Salts of. Nitrate (lunar caustic).	Chloride of sodium (common salt) in large quantity of water. Stomach-pump.
Tin, Salts of. Chloride (dyer's liquid).	Stomach-pump. Emetics, Diluents. Demulcents. Milk, &c.
Zinc, Salts of. Sulphate.	Demulcents. Diluents. Milk. Albumen.

Narcotic and Narcotico-Acrid Poisons.

POISONS.	TREATMENT.
Gaseous Poisons Carbonic acid. Sulphuretted Hydrogen. Carburetted Hydrogen.	The open air. Semi-erect position. Cold water to the face and neck, if the surface is warm.—Mechanical excitement of respiration by manipulating the thorax and abdomen. Feet in hot water. V. S. cucurb. nuchæ. Flagellation. Lin. camph. comp. to chest.
Opium. Morphia, &c.	Stomach-pump. Emetics. Mechanical irritation of the fauces. External excitation. Blows on the palms and soles. Semi-erect position. Mechanical excitement of respiration. Cold affusion to the head and face. Feet in hot water. V. S. cucurb. nuchæ. Internal stimulants. Ammonia. Coffee. Vegetable acids.
Hydrocyanic Acid.	Same as in opium. Inhalation of vapour of ammonia much diluted. Cold affusion. Mixed oxides of iron, obtained by precipitating solution of green sulphate with potash.
Oil of Bitter Almonds.	Same as in hydrocyanic acid.
Oil and Water of Cherry-laurel.	The same.

POISONS.	TREATMENT.
Aconitum Napellus (Aconite). Agaricus. Alcohol (Comatose Intoxication). Atropa Belladonna, (Deadly Nightshade). Cicuta Virosa, (Water Hemlock). Conium Maculatum, (Spotted Hemlock). Œnanthe Apfolia. Œnanthe Crocata. Cocculus Indicus. Colchicum. Digitalis. Ergota. Helleborus Niger, (Black Hellebore). Nux Vomica. Stramonium. Strychnine. Tobacco. Veratrum Album, (White Hellebore).	The general treatment in poisoning by the other simple narcotics and acrid narcotics in this list, is the same as in cases of opium and hydrocyanic acid; the chief differences depending on the amount of local irritation produced, and the consequent administration of refrigerants, mild opiates, &c. Emetics, and stomach-pump. (In poisoning from *digitalis*, the recumbent posture to prevent syncope.)

Acrid Poisons.

POISONS.	TREATMENT.
Bryonia Dioica, (Wild Vine). *Cantharides.* *Elaterium.* *Euphorbium.*	Vomiting by ipecacuanha and irritation of the fauces. Copious use of diluents and demulcents. Opiates to relieve pain, mild cordials, &c.

II. TEMPERATURE OF BATHS.

	WATER.	VAPOUR.	
	Whole Bath.	Not breathed.	Breathed.
Cold Bath	33°—63°		
Cool Bath	63°—75°		
Temperate Bath...	75°—85°		
Tepid Bath	85°—92°	96°—106°	90°—100°
Warm Bath.....	92°—98°	106°—120°	100°—110°
Hot Bath	98°—106°	120°—160°	110°—130°

III. QUANTITY OF SOME OF THE STRONGER MEDICINES IN CERTAIN PHARMACEUTICAL COMPOUNDS.

1. Opium.

Confectio opii contains gr. j in gr. xxxvj.
Enema opii, gr. iss. in ℥ iv.
Linimentum opii, gr. iij in ℥ ss.
Pilulæ saponis compositæ, gr. j in gr. v.
Pilulæ styracis compositæ, gr. j in gr. v.
Pulvis cretæ comp. cum opio, gr. j in ℈ ij.
Pulvis ipecacuanhæ compositus, gr. j in gr. x.
Pulvis kino compositus, gr. j in ℈ j.
Tinctura camphoræ comp., gr. j in ℥ ss.
Tinctura opii, gr. j in ♏ xij.
Vinum opii, gr. j in ♏ xij.

2. Mercury.

Hydrargyrum cum creta, gr. iij in gr. viij.
Linimentum hydrargyri comp., ʒ j to ʒ xj.
Liquor hydrargyri bichloridi, gr. j (of hyd. bichlor.) in ℥ xij.
Pilulæ hydrargyri, gr. j in gr. iij.
Pilulæ hydrarg. chloridi comp., gr. j (of calomel) in gr. v.
Pilulæ hydrargyri iodidi, gr. j (of hydrarg. iodid.) in gr. v.
Unguentum hydrargyri fortius, ʒ j in ʒ ij.
Unguentum hydrargyri mitius, ʒ j in ʒ vj.

3. Arsenic.

Liquor potassæ arsenitis, gr. j in ℥ iiss.

4. Antimony.

Vin. ant. pot. tart., gr. j in ℥ ss.
Unguentum ant. pot. tart., ʒ j in ℥ ss.

IV. PROPORTION OF DOSES ACCORDING TO AGE. (GAUBIUS.)

For an adult,

Suppose the dose to be ONE or 1 drachm.

Under 1 year	will only require	$\frac{1}{12}$	5 grains.
2		$\frac{1}{8}$	8 grains.
3		$\frac{1}{6}$	10 grains.
4		$\frac{1}{4}$	15 grains.
7		$\frac{1}{3}$	1 scruple.
14		$\frac{1}{2}$	½ drachm.
20		$\frac{2}{3}$	2 scruples.
21 to 60 the full dose ONE			1 drachm.

Above this age an inverse gradation must be observed.

V. CLASSIFIED LIST OF THE PRINCIPAL MINERAL WATERS.

I. *Saline aperient.*

1. Carlsbad (165°).
2. Kissingen (cold).
3. Marienbad (cold).
4. Franzensbad (cold).
5. Cheltenham (cold).
6. Leamington (cold).
7. Scarborough (cold).

II. *Hot saline.*

1. Wiesbaden (160°).
2. Baden-Baden (153°).

III. *Hot sulphurous.*

1. Aix-la-Chapelle (130°).
2. Barèges (130°).
3. Bagnères de Luchon (130°).

IV. *Hot alkaline.*

1. Vichy (108°).
2. Mont d'Or.
3. Ems (83°-115°).
4. Töplitz (114°-122°).
5. Schlangenbad (86°).
6. Wildbad (88°-99°).

V. *Simple unmineralized, hot.*

1. Pfeffers (100°).
2. Gastein (118°).
3. Buxton (82°).
4. Bristol (74°).
5. Matlock (66°).

VI. *Simple mineralized, hot.*

1. Bath (112°-116°).
2. Pyrenees (80°-122°).

VII. *Chalybeate waters.*

1. Spa (cold).
2. Schwalbach (cold).
3. Pyrmont (cold).
4. Marienbad (cold).
5. Bruckenau and Bocklet (cold).
6. Tunbridge (cold).
7. Niton (cold).
8. Furnas (hot).

VIII. *Ioduretted and brominated.*

1. Creuznach.
2. Hall.
3. Ischl.
4. Woodhall.

WHITE SULPHUR.

	In a wine gallon.
Sulphuretted Hydrogen, ... cubic inches.	2·5
Carbonic Acid, ...	2
Oxygen, ...	1·448
Nitrogen, ...	3·552
Total,	9·5

	Solid contents in a pint.
Sulphate of Magnesia, ... grs.	5·588
Sulphate of Lime, ...	7·744
Carbonate of Lime, ...	1·150
Chloride of Calcium, ...	0·204
Chloride of Sodium, ...	0·180
Oxide of Iron, ... a trace.	
Loss, ...	0·410
Total,	15·276

PROF. W. B. ROGERS.

BALSTON.

Sans Souci Spring.

	In a wine gallon.
Chloride of Sodium, ... grs.	143·733
Bicarbonate of Soda, ...	12·66
Bicarbonate of Magnesia, ...	39·1
Carbonate of Lime, ...	43·407
Carbonate of Iron, ...	5·95
Iodide of Sodium, ...	1·3
Silica, ...	1
Total,	247·15

STEEL.

SARATOGA.

Iodine Spring.

		Gaseous contents in a wine gallon.
Carbonic Acid,	cubic inches.	336
Atmospheric Air,		4
	Total,	340

		Solid contents in a wine gallon.
Chloride of Sodium,	grs.	187
Carbonate of Magnesia,		75
Carbonate of Lime,		26
Carbonate of Soda,		2
Carbonate of Iron,		1
Iodine,		3·5
	Total,	294·5

PROF. EMMONS.

SARATOGA.

Pavilion Spring.

		Gaseous contents in a wine gallon.
Carbonic Acid,	cubic inches.	359·05
Atmospheric Air,		5·03
	Total,	364·08

		Solid contents in a wine gallon.
Chloride of Sodium,	grs.	187·68
Carbonate of Soda,		4·92
Carbonate of Lime,		52 84
Carbonate of Magnesia,		56·92
Carbonate of Iron,		3·51
Sulphate of Soda,		1·48
Iodide of Sodium,		2.59
Alumina,		0·42
Silica,		1·16
Phosphate of Lime,		0·19
Bromide of Potassium,	a trace.	
	Total,	311·71

DR. J. R. CHILTON.

UNION SPRING.

	Gaseous contents in a wine gallon.
Carbonic Acid, ... cubic inches.	314·16
Atmospheric Air, ...	4·62
Total,	318·78

	Solid contents in a wine gallon.
Chloride of Sodium ..... grs.	243 620
Carbonate of Magnesia, ...	84 265
Carbonate of Lime, ...	41·600
Carbonate of Soda, ...	12·800
Carbonate of Iron, ...	5·452
Iodide of Sodium, or Iodine, ...	3 600
Silica and Alumina, ...	1·570
Bromide of Potassium, ... a trace.	
Total,	392·907

DR. J. R. CHILTON.

CONGRESS SPRING.

	Gaseous contents in a wine gallon.
Carbonic Acid, ... cubic inches.	311
Atmospheric Air, ...	7
Total,	318

	Solid contents in a wine gallon.
Chloride of Sodium, ... grs.	385
Iodide of Sodium.	3 5
Bicarbonate of Soda, ...	8·982
Bicarbonate of Magnesia, ...	95 788
Carbonate of Lime, ...	98·098
Carbonate of Iron, ...	5 075
Silica, ...	1·5
Bromide of Potassium, ... a trace.	
Total,	597·943

STEEL.

VI. SALINE DRAUGHTS.

Proportional quantities of Alkalies and Acids required for saturation.

Alkaline Carbonates.	Acids.		
	Lemon Juice.	Citric Acid.	Tartaric Acid.
20 *Grains.*	*Drachms.*	*Grains.*	*Grains.*
Potassæ bicarbonas,*.....	3½	14	15
—— carbonas (*olim* subcarbonas),*.....	4	17	18
Sodæ sesquicarbonas,.....	4	17	18
—— carb. (*olim* subc.)†.....	2½	9¾	10½
Ammoniæ sesquic. (The only salt in use.).....	6	24	25½

* When tartaric acid is employed it is necessary to add the acid to the potash solution with care; otherwise, when added in excess, the insoluble bitartrate forms.

† Crystallized; 16 grs. of this, when dried, yield 6 grs. of sod. carb. exsicc.

VII. *Weights and Measures.* (See pp. 15, 16.)

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